

Earth Science Teaching

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| Program | Bachelor of Science: Earth Science Teaching |
| Total Credits | 120 |
| Catalog | |

The plan below is **one** of several possible ways for you to complete this degree.
 Your individualized plan may look different if you have already fulfilled some requirements.
 Your Financial Aid Award may require additional term credits for full-time funding.

| Curriculum | Course | Course Title | Credits | Take When | Total Credits |
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121.00

1st Year: (starting in fall of odd year)

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| Core Requirement: | GEOS 109/109L | Intro Geology with Lab | 4.00 | 1st Fall | 15.00 |
| Related Requirement: | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T BIOL 115 | Organismal Biology | 4.00 | 1st Fall | |
| | First-Year Experience Course | FYE 101 | 1.00 | 1st Fall | |
| Education Requirement | LASC Goal 01A Oral Communications | CMST 100 | 3.00 | 1st Fall | |
| | LASC Goal 05: History/Social/Behavioral | (Anth 115 encouraged) | 3.00 | 1st Fall | |

Note: Consider a remedial pre-calc math course if needed

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| Core Requirement: | GEOS 110/110L | Water, Land, and People with Lab | 4.00 | 1st Spring | 17.00 |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T BIOL 111 | Cell Biology | 4.00 | 1st Spring | |
| | LASC Goal 2: Critical Thinking | | 3.00 | 1st Spring | |
| | LASC Goal 06: Humanities and Fine Arts | | 3.00 | 1st Spring | |
| | LASC Goal 01B, and writing intensive | ENG 101 | 3.00 | 1st Spring | |

Note: Consider a remedial pre-calc math course if needed

2nd Year: (Fall odd year, spring even year)

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| Core Requirement: | GEOS 303/303L | Mineralogy and Petrology | 3.00 | 2nd Fall | 16.00 |
| Core Requirement: | GEOS 305 | Oceanography | 3.00 | 2nd Fall | |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T CHEM 150 | General Chemistry 1 with lab | 4.00 | 2nd Fall | |
| Education Requirement | ED 205 | Introducton to Education | 3.00 | 2nd Fall | |
| | LASC Goals 05 and 08 | (different rubric) | 3.00 | 2nd Fall | |

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| Core Requirement: | GEOS 209L | Problems in Introductory Geology | 2.00 | 2nd Spring | 17.00 |
| Core Requirement: | GEOS 360/360L | Planetary Science with Lab | 3.00 | 2nd Spring | |
| Core Requirement: | GEOS 361L | Problems in Planetary Science | 1.00 | 2nd Spring | |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T CHEM 210 | General Chemistry 2 with Lab | 4.00 | 2nd Spring | |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T MATH 261 | Calculus 1 | 4.00 | 2nd Spring | |
| Education Requirement | ED 294 | Education Psychology | 3.00 | | |

Note: Complete the SARTE process for admission into education

2nd Spring

3rd Year: Fall odd year, spring even year

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| Core Requirement: | Also writing intensive | GEOS 330 | Elementary Meteorology | 3.00 | 3rd Fall | 13.00 |
| Core Requirement: | | GEOS 315 | Sedimentology and Stratigraphy | 3.00 | 3rd Fall | |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T PHYS 160 | College Physics 1 | 4.00 | 3rd Fall | | |
| Education Requirement | | ED 310 | Social Foundations of Education | 3.00 | 3rd Fall | |

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| Core Requirement: | | GEOS 340 | Economic and Environmental Geology | 3.00 | <u>3rd Spring</u> | 16.00 |
| Core Requirement: | writing intensive in major | GEOS 492 | Senior Seminar and Research Capstone | 3.00 | 3rd Spring | |
| Related Requirement | Biol 111, 115; Chem 150, 210; Phys 160, 161, MA ^T PHYS 161 | College Physics 2 | 4.00 | 3rd Spring | | |
| Education Requirement | | ED 448 | Reading Study Skills in Content | 3.00 | 3rd Spring | |
| | Writing Intensive within LASC (Goal 9) | | | 3.00 | 3rd Spring | |

4th Year: Fall odd year, spring even year

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| Core Requirement: | | BIOL 440 | Science Teaching Methods | 3.00 | 4th Fall | 15.00 |
| Education Requirement | | SPED 413 | Teaching in Inclusive Environment | 3.00 | 4th Fall | |
| Education Requirement | | Ed 498 | Professional Teaching in the Classroom | 3.00 | 4th Fall | |
| | LASC Goal 06 and 07: Human Diversity | (different rubric) | | 3.00 | 4th Fall | |
| | Writing Intensive 200+ | | | 3.00 | 4th Fall | |

Elective Consider taking an Earth Science Review for Teachers, such as Geos 170 or Geos 499 Earth Science Essentials)

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| Education Requirement | Ed 461S | Student Teaching | 12.00 | 4th Spring | 12.00 |
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