

Soil Science Minor

To earn a Soil Science minor, students must complete the following courses to total **27 credits**:

I. Soil Core

- A. ____ SOIL 205. Soil Science (3) + SOIL 206 (1)
or
____ CSS 305. Principles of Soil Science (4) [Taught at EOU La Grande campus only]
____ CSS 306. Problem Solving: Soil Science Applications (1) [Taught at EOU La Grande campus only]
- B. ____ SOIL 325. Agricultural and Environmental Predicaments: a Case Study Approach (3)
or
____ SOIL 316. Nutrient Cycling in Agroecosystems (4)
or
____ CSS 315. Nutrient Management and Cycling (4) [Taught at EOU La Grande campus only]

II. Biological and Physical Sciences

- A. **Biological science upper-division** elective(s) in BB, BI, BOT, ENT, FOR 240, FOR 241, MB or Z
(4 credits needed)
- B. **Physical science upper-division** elective(s) in ATS, CH, GEO, GPH, OC, or PH (5 credits needed)

III. Soil Electives

Select a minimum of 9-11 credits from below:

- ____ BOT 547. Nutrient Cycling (3)
____ CSS 415. Soil Fertility Management (3) [Taught at EOU La Grande campus only.]
____ SOIL 316. Nutrient Cycling in Agroecosystems (3)
____ SOIL 325. Agricultural and Environmental Predicaments: a Case Study Approach (3)
____ SOIL 366. Ecosystems of Wildland Soils (3)
____ SOIL 375. Soil Resource Potentials (3)
____ SOIL 395. World Soil Resources (3)
____ SOIL 435. Environmental Soil Physics (3)
____ SOIL 445. Environmental Soil Chemistry (3)
____ SOIL 455. Biology of Soil Ecosystems (4)
____ SOIL 466. Soil Morphology and Classification (4)
____ SOIL 468. Soil Landscape Analysis (4)
____ SOIL 475. Soil Resource Potentials (4)
____ SOIL 523. Principles of Stable Isotopes (3)
____ SOIL 525. Mineral-Organic Matter Interactions (3)
____ SOIL 536. Vadose Zone Hydrology Laboratory (1)

or a CSS, CROP or SOIL course approved by the Advisor