The degree is designed to provide a science-based understanding of the many facets of food- from sustainable production, food chemistry and safety, to policy and human nutrition. Students tie everything together in sophomore and senior level courses that explore local, regional and global food systems. Many laboratory-based courses offer hands-on experience. Students may specialize in specific areas of the food system. Students gain hands-on experience through required practicum courses and internships and can put concepts taught in courses to work while operating the campus organic farm.

Degree offerings within SWS are designed to prepare students for graduate school and a variety of rewarding career opportunities. All of our programs are based on curricula designed to prepare students for present and future employment. We offer students the opportunity to work closely with faculty in classroom and field situations. Our faculty members offer additional specialization through directed study, special topics, seminars and other courses as needed. Internships are available to provide students with practical job experience and to open doors for career opportunities. Students are encouraged to participate in international exchanges offered through the College of Agricultural and Life Sciences.

We offer many opportunities to conduct advanced, in-depth studies with our important scientific collections and cutting-edge facilities. The Maynard A. Fosberg Monolith collection is one of the largest in the world with 232 soil monoliths. We have a state-of-the-art analytical laboratory facility to accommodate faculty, staff and students. We also offer a greenhouse facility with controlled temperature and light-programmed rooms and growth chambers. The University has 1,145 acres located close to campus for field crops, orchards and livestock. Excellent field and laboratory facilities are also available at our research and extension centers at Aberdeen, Parma, Kimberly, and Twin Falls.

**Majors**


**Minors**

Soil and Water Systems Graduate Programs

- Soil and Land Resources (M.S.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/soil-water-systems/soils-ms/)
- Soil and Land Resources (Ph.D.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/soil-water-systems/soil-land-resources-phd/)