

UNDERGRADUATE PROGRAM FACT SHEET

CROP & SOIL SCIENCE

Bachelor of Science in Crop & Soil Science

Crop and Soil Science students work on solving the most complex agricultural and natural resource problems people are facing across the globe. If you want to help feed the people of Oregon, the United States and the world; or be part of a team exploring biofuels and bioproducts to increase energy independence; or practice cutting-edge gene research in crop plants; or use your soils knowledge to do remediation work on contaminated sites and improve soil health, the Department of Crop and Soil Science is where you should be.



Faces of AgSci


“ My entire ethos in life is improvement. I like to leave things in better condition than when I received them. I am hoping I can leave the Earth in a better place than when I found it.

Christian Lessey
B.S. Soil Science | Class of 2025

Read more at agsci.oregonstate.edu

COLLEGE OF AGRICULTURAL SCIENCES

 **2,709** Total number of AgSci undergraduate students

 **85** Number of Crop & Soil Science undergraduate students

 **\$900K** In scholarships for AgSci students

 **\$114M** In funding for AgSci research each year

Crop & Soil Science Degree Options

- Agronomy (also Ecampus)
- Soil Science (also Ecampus)
- Plant Breeding, Genetics, and Genomics (also Ecampus)

Degrees that Pay. Careers that Matter.

Job opportunities are abundant for graduates with expertise in food, agriculture, renewable natural resources, or ecological sustainability. This expertise helps solve the world's most pressing issues in the arenas of world hunger, human health, and soil quality and environmental conservation. Discover how you can build a meaningful career that helps make tomorrow better.

Potential career paths with a Crop & Soil Sciences degree include:

Agronomist or Consultant, Grower or Production Manager, Soil Scientist or Conservationist, Extension Agent, Erosion Control Specialist, Hydrologist.

Individualized Advising

Advisors help students develop their course of study. They link students to scholarships and campus resources, advise on matters of professional development, and point students toward experiential learning and leadership opportunities that will help them be successful in their careers after graduation. For Crop & Soil Science advising, contact Stefan Seiter at stefan.seiter@oregonstate.edu.

We're Social!
Get to know Ag Sciences online:
cropandsoil.oregonstate.edu



Oregon State
University

B.S. IN CROP & SOIL SCIENCE EXAMPLE 4-YEAR PLAN

| | Fall | | | Winter | | | Spring | | | Notes |
|--------------------|--|-------|---|--------|--|-------|--------|--|--|--------------------|
| First Year | CH 121 General Chemistry | 5 | AEC 221 Ag & Food Marketing | 3 | CH 123 General Chemistry | 5 | | | | |
| | CROP 101 OR SOIL 101 OR HORT 101** | 1 | CH 122 General Chemistry | 5 | CROP 200 Crop Ecology & Morphology | 3 | | | | |
| | WR 121Z Composition I | 4 | MTH 111Z Precalc I or MTH 112Z Precalc II or MTH 211 Foun. of Elementary Math | 4 | BACCORE** | 4 | | | | |
| | MTH 111Z Precalc I: Functions | 4 | COMM 111Z Public Speaking** | 3 | BACCORE** | 3 | | | | |
| | HHS 231 Lifetime Fitness for Health | 2 | | | | | | | | |
| | Total Credits | 15 | Total Credits | 15 | Total Credits | 15 | | | | |
| Second Year | BI 221 Principles of Biology OR BI 204 Intro Bio** | 4 | BI 222 Principles of Biology OR BI 205 Intro Bio** | 4 | BI 223 Principles of Biology OR BI 206 Intro Bio** | 4 | | | | |
| | SOIL 205 & 206 Soil Science and Lab | 4 | Elective/Option Course** | 4 | BACCORE** | 3 | | | | |
| | WR II | 3 | Elective/Option Course** | 3-4 | Elective/Option Course** | 3-4 | | | | |
| | BACCORE** | 3-4 | BACCORE** | 4 | Elective/Option Course** | 3-4 | | | | |
| | Total Credits | 14-15 | Total Credits | 15-16 | Total Credits | 13-15 | | | | |
| Third Year | OPTION COURSE** | 4 | SOIL 395 World Soil Resources | 4 | BACCORE* | 3 | | | | |
| | OPTION COURSE** | 3-4 | Elective/Option Course** | 4 | CROP 330 World Food Crops or FES 365 Issues in Natural Resource Conservation | 3 | | | | |
| | SOIL 316 Nutritional Cycling in AgroEcoSystems | 4 | Elective/Option Course** | 4 | Elective/Option Course** | 4 | | | | |
| | BI 370 or BOT 341 or RING 341 or HORT 318 Ecology Course** | 4 | Elective/Option Course** | 3 | Elective/Option Course** | 4 | | | | |
| | Total Credits | 17-18 | Total Credits | 15 | Total Credits | 1 | | | | |
| Fourth Year | CROP/HORT/SOIL 407 Seminar | 1 | Experiential Learning Course** | 3 | BACCORE* | 4 | | | | |
| | BACCORE** | 4 | Elective/Option Course** | 3-4 | Elective/Option Course** | 4 | | | | |
| | Elective/Option Course** | 3 | Elective/Option Course** | 3-4 | Elective/Option Course** | 3 | | | | |
| | Elective/Option Course** | 3-4 | Elective/Option Course** | 3-4 | Elective/Option Course** | 4 | | | | |
| | BOT 451 Plant Pathology** | 4 | | | | | | | | |
| | Total Credits | 15-16 | Total Credits | 12-15 | Total Credits | 15 | | | | Total Credits 180* |

*BACCORE = Fitness - HHS 231 + Physical Activity Course, Perspective Courses - Choose a course from each category: Western Culture, Cultural diversity, Literature & Arts, Social Processes, and Difference Power, Discrimination (met with FW Human Dimension Course), Synthesis Courses - Choose a course from each category: Science Tech & Society & Contemporary Global Issues.

**OPTION COURSE= Course taken depends on option student selects - see the full list of requirements and options at catalog.oregonstate.edu



Oregon State University
College of Agricultural
Sciences