



Scappoose High School

NATURAL RESOURCES

For students interested in:

- Agriculture or Horticulture
- Air Quality
- Education & Communication
- Forestry
- Soil & Water Conservation
- Outdoor Recreation
- Weather & Climate
- Waste Management
- Wildlife & Endangered Species Protection

Sequence of Courses

Introductory

- Intro to Natural Resources I (9-12th grade, 0.25 credit)
- Ecology of Oregon (9-12th grade, 0.25 credit)
- Greenhouse School (9-12th grade, 0.25 credit)
- Plant Science I (9-12th grade, 1.0 credit)

Intermediate

- Environmental Biology (10-12th grade, 1.0 credit)
- Environmental Science (10-12th grade, 1.0 credit)
- Plant Science II (11-12th grade, 1.0 credit)

Advanced

- Native Plant Internship (11-12th grade, 0.25 credit)
- Mizuna Gardens Internship (11-12th grade, 0.25 credit)
- Dual Credit Environmental Science (Biological Perspective) ESR 171 (11-12th grade, 1.0 credit)

Current Industry Partners

- Scappoose Bay Watershed Native Plant Nursery
- Mizuna Gardens

Career Technical Student Organizations

- Our Future-Partners for Sustainable Schools
- Future Natural Resources Leaders

Dual Credit Offerings

For 2025-26 Year:

ESR 171: Environmental Science (Bio Perspective) 4 credits

Students will learn:

- *Technical Skills:* sustainable management, habitat restoration, renewable energy, and eco-friendly construction practices
- *Academic knowledge:* Understanding of environmental science, conservation, ecosystems, climate change, sustainable agriculture, and resource management
- *Professional practices:* Preparing for careers in renewable energy, environmental conservation, natural resources management and other green industries
- *Soft skills:* Strong critical thinking, problem-solving, collaboration, effective communication, adaptability, and cultural competency for working in diverse environmental and community contexts.
- *Pathway Goals:* Integrating environmental stewardship with innovative practices to meet the long-term needs of people and ecosystems

Career Options

Environmental Science and Protection Technicians, Including Health	\$52,660
Forest & Conservation Workers	\$55,760
Forest & Conservation Technicians	\$66,809
Environmental Engineers	\$69,785
Environmental Engineering Technologists & Technicians	\$74,685
Soil & Plant Scientists	\$81,654
Zoologists & Wildlife Biologists	\$82,588
Foresters	\$85,116
Conservation Scientists	\$91,198

2024 median annual salary for tri-county area high wage and high demand
-Oregon Employment Division



Click QR Code to connect to Industry Sheet



PACTEC
Portland Area Career Technical Education Consortium



Portland Community College