



# LIBERTY HIGH SCHOOL SUSTAINABLE AGRICULTURE

**INSTRUCTOR:**

**PAUL LARDY**

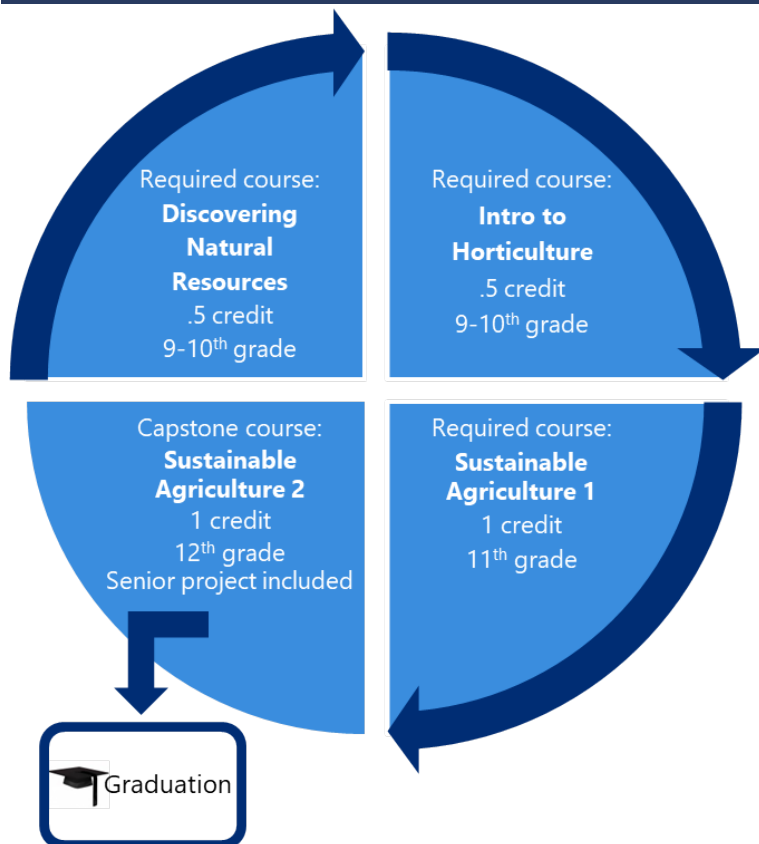
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## For students interested in:

- Plants
- Sustainable farming
- Agriculture environmental science
- Soil science
- Natural resources
- Food science
- Forestry

## SEQUENCE OF COURSES

*Please refer to HSD course catalog for more information*



## PATHWAY TEACHES

### STUDENTS TO:

- Understand plant anatomy, physiology and classification
- Understand the effects of the environment on plant growth and development
- Perform hands-on lab experiments
- Use environmentally responsible gardening and farming methods
- Plan, plant, compost, save seeds, use garden tools/equipment and develop a variety of growing techniques on the school farm
- Critically think about the food system to find solutions to social and environmental problems
- Manage a farm
- Understand environmental health, economic profitability & social and economic equity

## CAREER POSSIBILITIES & SALARY RANGES

• Plant, Soil or Animal Scientist	\$55,424 - \$85,724
• Horticulturalist	\$21,262 - \$76,406
• Crop Scientist	\$48,000 - \$72,000
• Food Scientist	\$48,000 - \$78,000
• Conservation Scientist	\$57,221 - \$88,545
• Forester	\$56,692 - \$73,860
• Environmental Technician	\$41,184 - \$61,131

## POTENTIAL LOCAL EMPLOYERS

- Reser's Fine Foods
- City of Hillsboro
- Garden Frog Nursery
- Iwasaki Brothers
- Endonia Nursery
- Pacific Landscape
- Twin Oaks Nursery
- Oregon Department of Forestry
- Peterson CAT
- Clean Water Services
- Parr Lumber
- Local independent farms

## SOME LOCAL COLLEGES & MAJORS

- **PCC**– Focus Award: Sustainability, Associate of Applied Science: Environmental Landscape Management Technology or Landscape Technology, Career Pathway certificate: Landscape Service Technician
- **OSU**– Bachelors of Science: Agricultural Science, Agricultural Business Management, Biology, Botany, Crop Soil Science, Environmental Sciences, Food & Science Technology, Horticulture or Sustainability
- **U of O**– Bachelors of Science: General Science or Biology
- **Clackamas Community College**- Associate of Applied Science: Arboriculture, Horticulture or Landscape Management Certificate of Completion: Irrigation Technician, Organic Farming or Plant Health Management
- **PSU**– Bachelors of Science: Biology or Sustainability

*To learn more about career and college opportunities, make an appointment with your counselor 503-844-1250*