

NATURAL RESOURCE AND ENVIRONMENTAL TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

State Control Number: 39103

Program Code: AGNR.NRET.CA

Program Length: 10 months

Approved for Federal Financial Aid: Yes

This certificate prepares students for the emerging "green" careers in industry and with natural resource management agencies such as: The Natural Resource Conservation Service, US Forestry Service, National Park Service, Bureau of Land Management, and other air and water management agencies. Students will learn the scientific concepts and skills needed to become technicians in: water and soils management, habitat restoration, ecological field data collection and interpretation, geospatial technologies, biodiversity management, and sustainable agriculture practices.

| Code | Title | Units |
|---|---|--------------|
| Required Courses | | |
| AGNR 74A | Sustainable Community Leadership | 1.0 |
| AGNR 74B | Biodiversity Management and Technology | 1.0 |
| AGNR 170 | Environmental Science and Sustainability | 4.0 |
| AGNR 170L | Environmental Science Laboratory Laboratory½laboratory | 1.0 |
| AGNR 172 | Geospatial Technology | 3.0 |
| AGNR 173 | Watershed Management and Restoration | 3.0 |
| AGNR 177 | Principles of Wildlife Management | 3.0 |
| Complete one course from the following: | | 1.0-4.0 |
| AGNR 74C | Waste and Pollution Management | |
| AGNR 74D | Ecological Restoration | |
| AGNR 74E | Sustainable Agriculture Practices | |
| AGNR 74F | | |
| AGNR 121 | Introduction to Environmental½horticulture | |
| AGNR 122 | Plant Propagation/Greenhouse Production | |
| AGNR 123 | Introduction to Plant Science | |
| AGNR 131 | Introduction to Soil Science | |
| AGNR 138 | | |
| AGNR 141 | Plant Materials and Usage II | |
| AGNR 152 | Irrigation and Water Management | |
| AGNR 171 | Introduction to GIS in Natural½resources | |
| AGNR 175 | Sustainable Agriculture, Environment And½society | |
| BIOL 100 | General Biology | |
| CT 142 | Renewable Energy Fundamentals | |
| FIRE 109 | Wildland Fire Control | |
| POLS 206 | Introduction to Environmental Policy½and Natural Resource Management | |
| Total Units | | 17-20 |