

FORESTRY (WILDLAND RESOURCES)

Wildland Resources and Forestry describes the study of natural resources in a biological community. The program includes:

- FOR 101 Introduction to Forestry,
- FOR 102 Introduction to Forest Ecology,
- FOR 103 Plant Identification,
- FOR 104 Introduction to Outdoor Recreation,
- FOR 105 Wildland Fire Management,
- FOR 106 Principles of Wildlife Management and Ecology, and
- ESCI 180 Introduction to Geographic Information Systems.

Courses in Wildland Resources and Forestry provide field experience for students. The program also awards a degree and a certificate of achievement in Wildland Resources and Forestry.

Faculty

Name	Office Room Number	Phone	Email
Goodman, Robert	LS 129	626-914-8770	rgoodman@citruscollege.edu

Contact Information

Division

Mathematics, Sciences and Business

Administrative Secretary

Darla Ramirez

Division Office

PS 114

Division Phone Number

626-914-8789

Email

forestry@citruscollege.edu

Discipline Website

<https://www.citruscollege.edu/academics/programs/for> (<https://www.citruscollege.edu/academics/programs/for/>)

Learning Outcomes

This discipline prepares students to do the following:

- Express knowledge of scientific terminology as it relates to the management of wildland and other renewable resources.
- Collect and interpret data, tables, and graphs to demonstrate an understanding of the types of data available in the realm of wildland resources.
- Generate scientific hypotheses to distinguish between scientific and non-scientific questions and methods that relate to wildland resources to meet the emerging mandates for conservation, biodiversity, ecosystem management, and long-term sustainability.

- Examine how human activities have contributed to changes in the wildland environment to better understand and discuss past, current, and future issues related to wildland resources.
- Select and use appropriate scientific apparatus.

Courses

FOR 101

Introduction to Forestry

3 Units (AA/AS; CSU; UC)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Strongly recommended: ENGL 101.

Covers the relationship of forests to our national and local life. The various forest sciences and the uses of the forest including timber, water, recreation, grazing, and wildlife. The forest organizations: federal, state, county and private.

FOR 102

Introduction to Forest Ecology

3 Units (AA/AS; Citrus B1; CSU; UC; IGETC 5A; CSUGE B2)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Strongly recommended: ENGL 101.

A lecture course examining the forest as a biological community, through which sustainability, biodiversity, ecosystem health and integrity, old growth, climate change, rainforest, and clear cutting are evaluated.

FOR 103

Plant Identification

3 Units (AA/AS; CSU; UC)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Strongly recommended: ENGL 101.

A course examining the identification of established native and non-native wildland plants of California. Other topics include photosynthesis, taxonomy, edibility, medicinal properties, plant communities and plant adaptations.

FOR 104

Introduction to Outdoor Recreation

3 Units (AA/AS; CSU)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Covers the historic development of recreation and the role of the federal, state and local government in outdoor recreation. Other topics include economic impact, supply and demand, private enterprise, education, planning and management within the realm of recreation.

FOR 105

Wildland Fire Management

3 Units (AA/AS; CSU)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Strongly recommended: ENGL 101.

A course designed to provide the knowledge of the factors affecting fire behavior, fire control techniques and wildland fire prevention. Factors of topography, fuels and weather will be included.

FOR 106

Principles of Wildlife Management and Ecology

3 Units (AA/AS; CSU; UC)

54 lecture hours

Grade Mode: Pass/No Pass, Standard Letter

Strongly recommended: ENGL 101.

A lecture course examining wildlife management as a science, through which a brief history of wildlife management, ecosystems, population ecology, animal behavior, food and cover, wildlife diseases, predation, endangered species, economics of wildlife, and fisheries are discussed.

FOR 698A

Cooperative Education

1 Unit (AA/AS)

60 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of volunteer employment or training sites.

FOR 698B

Cooperative Education

2 Units (AA/AS)

120 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of volunteer employment or training sites.

FOR 698C

Cooperative Education

3 Units (AA/AS)

180 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of volunteer employment or training sites.

FOR 698D

Cooperative Education

4 Units (AA/AS)

240 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of volunteer employment or training sites.

FOR 699A

Cooperative Education

1 Unit (AA/AS)

75 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of paid employment or training sites.

FOR 699B

Cooperative Education

2 Units (AA/AS)

150 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of paid employment or training sites.

FOR 699C

Cooperative Education

3 Units (AA/AS)

225 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of paid employment or training sites.

FOR 699D

Cooperative Education

4 Units (AA/AS)

300 lab hours arranged

Grade Mode: Pass/No Pass, Standard Letter

Prerequisite(s): The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of paid employment or training sites.

Programs

Associate Degree

- Wildland Resources and Forestry (<http://catalog.citruscollege.edu/disciplines/forestry-wildland-resources/wildland-resources-forestry-as/>)

Certificate of Achievement

- Wildland Resources and Forestry (<http://catalog.citruscollege.edu/disciplines/forestry-wildland-resources/wildland-resources-forestry-certificate-achievement/>)
-