

NRM 133 Course Outline as of Fall 2025**CATALOG INFORMATION**

Dept and Nbr: NRM 133 Title: CURRENT TOPICS IN NRM

Full Title: Current Topics in Natural Resources

Last Reviewed: 11/25/2024

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	1.00	Lab Scheduled	0	5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

In this course, students will explore new and/or developing theories, techniques, and practices related to the management of natural resources. Course hours and units for each section will be determined by the scope and detail of the selected topic.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: In this course, students will explore new and/or developing theories, techniques, and practices related to the management of natural resources. Course hours and units for each section will be determined by the scope and detail of the selected topic. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:

IGETC:	Transfer Area	Effective:	Inactive:
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CSU Transfer:	Effective:	Inactive:
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UC Transfer:	Effective:	Inactive:
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CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Identify and compare current topics in natural resource management such as applied ecology, disturbance regimes, traditional ecological knowledge, and land stewardship.
2. Synthesize and evaluate relevant theories and issues.
3. Apply current and emerging theories, principles, and techniques to a real-world scenario.

Objectives:

At the conclusion of this course, the student should be able to:

1. Discuss new concepts regarding natural resources, applied ecology, and land stewardship.
2. Summarize the key concepts underlying the course topic.
3. Evaluate the applicability of these concepts to a variety of real-world scenarios.

Topics and Scope:

I. Examples of current topics in Natural Resource Management

- A. Forest management
- B. Indigenous land management practices and Traditional Ecological Knowledge (TEK)
- C. Ecosystem services valuation
- D. Restoration ecology
- E. Sustainable land use planning
- F. Community-based land management
- G. Climate resilient land management
- H. Principles of applied ecology
- I. Ecological corridors and landscape connectivity
- J. Wetland delineation and management
- K. Fire as a land management tool

Assignment:

1. Weekly reading (5-10 pages)
2. Class discussions on industry topics
3. Written homework assignments (4-12)
4. Term project such as literature review or case study reports demonstrating competence in the course topic

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework	Writing 25 - 35%
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Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Term project	Problem solving 10 - 20%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%
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Exams: All forms of formal testing, other than skill performance exams.

None	Exams 0 - 0%
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Other: Includes any assessment tools that do not logically fit into the above categories.

Participation in class discussions	Other Category 45 - 60%
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Representative Textbooks and Materials:

Instructor prepared materials

Current issues of Trade Magazines, such as:

Land & Water

Artemisia

Wildlife Management

Forestry Journal

Natural Resources Magazine

Current issues of Scientific journals, such as:

Journal of Environmental Management

International Journal of Wildland Fire

Ecological Applications

Journal of Soil and Water Conservation

Forest Ecology and Management
Journal of Natural Resources Policy Research
Conservation Biology
Journal of Applied Ecology
Landscape Ecology