

**Northern Marianas College**  
**CURRICULUM ACTION REQUEST**

**Effective Semester / Session:** Fall 2018

**Type of Action:**

- New
- Modification
- Cancellation

**Course Alpha and Number:** NR 295 (Previously BI 295)

**Course Title:** Natural Resources Management Seminar

**Reason for initiating, revising, or canceling:**

This course is being modified for periodic updates.

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Dr. Alfredo B. De Torres

3-28-19

Proposer

Date

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Dr. Alfredo B. De Torres

3-28-19

Department Chair

Date

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Adam Walsh

05.20.19

Language & Format Review Specialist

Date

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Ajani Burrell

4/5/19

Academic Council Chair

Date

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Charlotte Cepeda

6/14/19

Dean, Learning and Student Success

Date

# Northern Marianas College Course Guide

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Course: NR295

## 1. Department

Natural Resource Management

## 2. Purpose

NR 295 is a required core curriculum course for NRM majors, providing the opportunity for students to become familiar and confident with topics of special interest or current relevance to the physical and applied sciences. This course is the training ground for turning personal observations, classroom theory, field and laboratory experiences into discussions and the application of professional ethics and philosophy; a course in "professionalism." This critical aspect of life preparation is frequently overlooked in college training but determines a student's success or failure as they go through life and their career path. Prospective employers in the governmental and private sectors have frequently requested a course with this focus.

## 3. Description

### A. Required/Recommended Textbook(s) and Related Materials

There is no text for this course. Handouts, Internet and web-based assignments, and related materials will be supplied by the course coordinator as necessary.

### B. Contact Hours

1. **Lecture:** N/A
2. **Lab:** N/A
3. **Other:** 1.5 per week

### C. Credits

1. **Number:** 1
2. **Type:** Regular degree credits

### D. Catalogue Course Description

NR 295 consists of seminar presentations of topics in the agricultural, environmental, and natural resource sciences by faculty, enrolled students, and invited speakers. This course is designed to familiarize students with topics of research, special interests, or current relevance in the discipline. Prerequisites: NR 150; English Placement Level: EN 101; Math Placement Level: N/A

### E. Degree or Certificate Requirements Met by Course

This Course fulfills the requirements for AS degree in Natural Resource Management.

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## **F. Course Activities and Design**

This course consists of interviews, oral presentations, or demonstrations by faculty, students, and invited speakers. Each enrolled student is required to give an oral presentation or a demonstration on a topic for critique by the peer group. Students are expected to take an active role in the discussions and application of professional ethics and philosophy.

## **4. Course Prerequisite(s); Concurrent Course Enrollment**

Prerequisites: NR150 with a grade of C or better

Concurrent Course Enrollment: N/A

## **Required English/Mathematics Proficiency Level(s)**

English Placement Level: EN101

Mathematics Placement Level: N/A

## **5. Estimated Cost of Course; Instructional Resources Needed**

Cost to the Student: Tuition for a 1-credit course and all applicable instructional materials and/or technology fees

Cost to the College: Instructor's salary.

Instructional resources needed for this course include classroom, chalkboard/white board and supplies, TV/VCR, videotaped programs, digital camera, video flex camera attachment for microscopes, stereo and compound microscopes, microscope slides and cover slips, multimedia projector, basic laboratory and field supplies.

## **6. Method of Evaluation**

Student progress will be evaluated for this course by attendance, active participation in course discussions, and an oral presentation or demonstration indicating the student's knowledge and understanding of a specific subject matter within the discipline. NMC's grading and attendance policies will be followed.

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**7. Course Outline**

This is a topical outline and does not necessarily indicate the sequence in which the material will be presented.

- 1.0 Oral presentations by students in areas of interest
- 2.0 Oral presentations by departmental faculty
- 3.0 Invited speakers from various federal and local government agencies whose responsibilities involve water, land, marine, and air stewardship
- 4.0 Report writing of project reports, analysis, and writing for scientific publication
- 5.0 Reading and critiquing scientific journal articles, peer review and critique of student presentations and demonstrations
- 6.0 Discussions of current environmental activities in the Commonwealth, the Pacific Basin, and the world

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**8. Instructional Goals**

The course will introduce students to:

- 1.0 The concepts of professional ethics and philosophy in science;
- 2.0 A mentored and focused effort to enhance public speaking skills and competencies;
- 3.0 An opportunity to interact with professionals in the discipline;
- 4.0 A mentored and focused effort to enhance technical writing skills and competencies;
- 5.0 The technique of peer review and critiquing scientific journals , presentations, and demonstrations; and
- 6.0 Knowledge of environmental activities in the Commonwealth, the Pacific Island States, and the world.

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**9. Student Learning Outcomes**

Upon successful completion of this course, students will be able to:

- 1.0 Explain and discuss the concepts of professional ethics and philosophy in science;
- 2.0 Demonstrate enhanced public speaking skills and competencies;
- 3.0 Confidently interact with professionals in the discipline;
- 4.0 Demonstrate enhanced technical writing skills and competencies;
- 5.0 Explain, demonstrate, and discuss the techniques of peer review; and
- 6.0 Knowledgeably discuss environmental activities.

**10. Assessment Measures of Student Learning Outcomes**

Assessment of student learning may include, but not be limited to, the following:

- 1.0 Participation;
- 2.0 Seminars;
- 3.0 Oral Presentations; and
- 4.0 Projects