

Universidad de Puerto Rico
Colegio de Agricultura y Artes Mecánicas
SENADO ACADEMICO
Mayagüez, Puerto Rico

Certificación Núm. 68-3

Yo, José E. Arrarés, Presidente del Senado Académico del
Recinto Universitario de Mayagüez de la Universidad de Puerto Rico,
CERTIFICO:

Que en reunión ordinaria celebrada por este organismo el
día 5 de marzo de 1968 se aprobaron los siguientes cursos nuevos:

FACULTAD DE INGENIERIA

Departamento de Ingeniería General

Ge Eg 511 - LEGAL ASPECTS OF ENGINEERING

Three credit hours. Three Lecture-discussion per week.
Prerequisite : For 4th or 5th year students.

A study of the fundamentals of law applicable to the
practice of the engineering profession and their basic legal
doctrines with particular emphasis to Puerto Rico.

FACULTAD DE ARTES Y CIENCIAS:

Departamento de Biología

Bota. 421 - PHYCOLOGY

Three credit hours. Two lectures and one three-hour
laboratory period per week. Prerequisite: Bota. 102

An introductory course to the biology, ecology and
uses of algae. Field trips.

Bota. 671 - ADVANCED PHYCOLOGY

Three credit hours. Two lectures and one three-hour
laboratory period per week. Prerequisite: Bota 421
or its equivalent or permission of the director of
department.

Advanced studies in the taxonomy and biogeography algae. Procedures for phycological research. Field trips.

Zool. 571 - NEMATOLOGY

Three credit hours. Two lectures and one three-hour laboratory period per week. Prerequisite: Zool. 102

Study of nematodes, including principles of morphology, anatomy and fundamental laboratory techniques.

Bota. 561 - MORPHOLOGY AND SISTEMATICS OF GRASSES AND SEDGES.

Three credit hours. Two lectures and one three-hour lab. period per week. Prerequisite: Bota. 301

Lectures and laboratories on the morphology and sistematics of grasses and sedges. Emphasis on local species. Assigned readings and field trips.

Departamento de Geología

Geol. 561 - FORAMINIFERA.

Three credit hours. Two lectures and one four-hour laboratory period per week. Laboratory will include work in the field and at sea. Prerequisite: Geol. 311 or permission of the director of department.

Systematics of foraminifera stressing the smaller foraminifera. Ecological significance of benthonic species and its applications to paleoecology. Ecological and paleoecological significance of planctonic foraminifera. Applications to age determination.

Departamento de Matemáticas

Math. 107 - COLLEGE ALGEBRA AND TRIGONOMETRY

Five credit hours. Five meetings per week. Prerequisite: Intermediate Algebra.

A course designed to bridge the gap between intermediate algebra and analytic geometry and calculus. The following topics will be included: language and notation of elementary set theory; functions relations and their graphs; elementary functions; complex numbers; polynomials; determinants and linear equations; combinatorial analysis.

DEPARTAMENTO DE CIENCIAS MARINAS

Ciencias Marinas 681 - ECOLOGIA DE LAS COMUNIDADES MARINAS

Dos horas-créditos. Dos conferencias a la semana.

Composición y estructura cuantitativa de las agrupaciones marinas y sus relaciones tróficas y energéticas.

Ciencias Marinas 695 - TEMAS ESPECIALES

Una hora-crédito. Una reunión a la semana. Prerequisito: Permiso del Director del Departamento.

Una discusión tutorial y/o trabajo de biblioteca y laboratorio sobre un tema especializado.

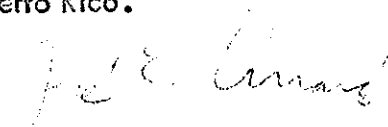
Ciencias Marinas 691-692-SEMINARIO GRADUADO

Una hora-crédito por semestre. Una reunión a la semana.

Discusión de temas recientes en las Ciencias Marinas y disciplinas relacionadas. Los estudiantes discutirán tópicos de sus especializaciones.

Se enmienda el Catálogo vigente de acuerdo con esta certificación.

Y para que así conste y se ejecute este acuerdo, expido y remito a las autoridades universitarias correspondientes la presente certificación hoy día 6 de marzo de 1968, en Mayagüez, Puerto Rico.


José E. Arrarás
Presidente