

**UNIVERSITY OF PUERTO RICO
MAYAGUEZ CAMPUS
COLLEGE OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP PROTECTION**

COURSE SYLLABUS

General Information:

Course number: PROC 6650
Course title: Phytovirology
Credits: Three credit hours. (Two hours of lecture and one three-hour laboratory per week).

Course description:

Fundamental concepts of plant virology including transmission, properties, structure, virus-vector relationships, identification, effects on host plants, classification, and control methods.

Prerequisites:

PROC 6603

Textbook, supplies and other resources:

Books

A textbook of Plant Viruses Diseases. Kenneth M. Smith, 3rd. Ed. 1972.

Principles and Techniques in Plant Virology – Clarence I. Kado. 1972.

The Atlas of Insect and Plant Viruses. Karl Maramorosch. Ed.

Identification of Plant Viruses Methods and Experiments. D. Noordam. 1972.

Methods in Virology. Maramorosch and Kaprowski.

CMI (AAB) Description of Plant Viruses

Plant Virology. Corbett & Sisler. 1960.

General Virology. Luria, Darnell, Gillimore & Campbell. 1978.

Review Publications (see Mathews. p. 733).

Advances in Virus Research

Annual Review of Microbiology

Annual Review of Phytopathology

Abstracting Publications

Review of Plant Pathology

Chemical Abstracts (Biochemical Section)

a. Research Publications

Annals of Applied Biology
Journal of General Microbiology (up to 1967; afterwards, Journal of General Virology)
Journal of Virology
Netherlands Journal of Plant Pathology
Physiological Plant Pathology
Plant Disease (former Plant Disease Reporter)
Phytopathology
Phytopathologische Zeitschrift
Virology

Requirements:

All students are expected to complete all lessons. Attain specific competencies as indicated in the course syllabus. Do all course work. Come to class prepared to perform at a C level on all tests. Come to class all the time and on time. Attend individual conferences with the instructor as necessary.

Laboratory and field work:

As described in the professor's syllabus.

Department/Campus policies:

Class attendance: Class attendance is compulsory. The University of Puerto Rico, Mayagüez Campus, reserves the right to deal at any time with individual cases of non-attendance. Professors are expected to record the absences of their students. Frequent absences affect final grade, and may even result in total loss of credits. Arranging to make up work missed because of legitimate class absence is the responsibility of the student. (Bulletin of Information Undergraduate Studies, pp. 39, 1995-96).

Absence from examinations: students are required to attend all examinations. If a student is absent from an examination for a justifiable reason acceptable to the professor, he or she will be given a special examination. Otherwise, he or she will receive a grade of 0 or F in the examination missed. (Bulletin of Information Undergraduate Studies, pp. 39, 1995-96).

Final Examinations: Final written examinations must be given in all courses unless, in the judgment of the Dean, the nature of the subject makes it impracticable. Final examinations scheduled by arrangements must be given during examination period prescribe in the Academic Calendar, including Saturdays. (Bulletin of Information Undergraduate Studies, pp. 39, 1995-96).

Partial withdrawals: A student may withdraw from individual courses at any time during the term, but before the deadline established in the university Academic Calendar. (Bulletin of Information Undergraduate Studies, pp. 37, 1995-96).

Complete withdrawals: A student may completely withdraw from the University of Puerto Rico, Mayagüez Campus, at any time up to the last day of classes. (Bulletin of Information Undergraduate Studies, pp. 37, 1995-96).

Disabilities: All the reasonable accommodations according to the American with Disability Act (ADA) Law will be considered with the Dean of Students and in accordance with the particular needs of the student.

Ethics: Any academic fraud is subject to the disciplinary sanctions described in article 14 and 16 of the revised General Student Bylaws of the University of Puerto Rico contained in certification 018-1997-98 of the Board of Trustees. The professor will follow the norms established in articles 1-5 of the Bylaws.

Campus resources:

General Library and Agricultural Computer Center are available to obtain professor's references materials and PCs will be available for student use. University's Student Center has tutorial programs for student who needs extra help.