

COURSE DETAIL

PLANT DISEASES

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

PLANT DISEASES

UCEAP Transcript Title

PLANT DISEASES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the biology of the viruses, bacteria, and fungi that cause plant diseases. Students are introduced to the following: the concepts symptomology, aetiology, pathogenicity, taxonomy and diagnosis; the molecular, cellular, and genetic aspects of pathogenicity and disease resistance; basic ecological and epidemiological principles in relation to the establishment and spread of plant diseases; plant disease control measures (disease management and chemical control); prophylactic measures, e.g., disease resistance, forecasting and legislation; up and coming control measures, e.g., biological control and induced resistance; post-harvest diseases and food safety; case studies of plant diseases in agriculture, horticulture, and forestry.

Language(s) of Instruction

English

Host Institution Course Number

NPLB15006U

Host Institution Course Title

PLANT DISEASES

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Plant and Environmental Sciences

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