

COURSE DETAIL

FUNDAMENTAL AND APPLIED ASPECTS OF THE BIOLOGY OF INSECTS

Country

Netherlands

Host Institution

Wageningen University and Research Center

Program(s)

Wageningen University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

122

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTAL AND APPLIED ASPECTS OF THE BIOLOGY OF INSECTS

UCEAP Transcript Title

BIOLOGY OF INSECTS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course deals with fundamental as well as applied aspects of insects and focuses on major themes in modern insect biology. Students choose their own trajectory to develop essential knowledge on (1) biological phenomena for which insects are good model systems or on (2) novel methods to apply fundamental knowledge to the management of insects in natural or agricultural environments, temperate zones, or in the tropics. The major aspects covered in this course include chemical and molecular ecology, behavioral and population ecology, functional biodiversity and agroecology, insect reproduction, and pollination ecology along with its application in crop protection, protection of human health, vector control, nature conservation, and insects as food and feed. Two topics are selected for essays written under the supervision of the Laboratory of Entomology.

Language(s) of Instruction

English

Host Institution Course Number

ENT30806

Host Institution Course Title

FUNDAMENTAL AND APPLIED ASPECTS OF THE BIOLOGY OF INSECTS

Host Institution Campus

Wageningen University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Entomology

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