

COURSE DETAIL

HOST-PARASITE INTERACTIONS

Country

United Kingdom - England

Host Institution

University of East Anglia

Program(s)

Environment and Sustainability, East Anglia

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

HOST-PARASITE INTERACTIONS

UCEAP Transcript Title

HOST-PARASIT ACTION

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course examines the complex interactions between parasites/diseases and their hosts. It explores how the selection pressures that each side of these interactions impose leads to coevolutionary processes. Students explore the role that such parasitic interactions may have played in the development of key biological traits. The course includes traditional parasitology (to understand the complexity of the interactions), introducing the major groups of parasites and their hosts. Students examine the role of parasites and host-parasite interactions in evolution, drawing examples from conservation, behavior, current medical research, theoretical predictions, and models.

Language(s) of Instruction

English

Host Institution Course Number

BIO-6016A

Host Institution Course Title

HOST-PARASITE INTERACTIONS

Host Institution Campus

University of East Anglia

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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