COURSE DETAIL

EVOLUTION: CONCEPTS AND APPLICATIONS
Country Germany
Host Institution Free University of Berlin
Program(s) Free University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences Biochemistry
UCEAP Course Number 104
UCEAP Course Suffix
UCEAP Official Title EVOLUTION: CONCEPTS AND APPLICATIONS
UCEAP Transcript Title EVOLUTN CNCPTS&APP
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description
This course highlights the evolution of organisms and the transition of evolutionary concepts into many (bio)technical applications. The emergence of evolutionary theory from Charles Darwin and Alfred Russel Wallace is examined, as well as the influence of Cuvier, de Lamarck, Matthew, Lyell, Malthus, Spencer, Wagner, Owen, Gould, and Bates. Fundamental biological and biochemical insight is imparted and assessed in the context of the theory of evolution. To that end, four different approaches are presented: in situ, in vivo, in vitro, and in silico experiments.

Language(s) of Instruction
German

Host Institution Course Number
21692a/b

Host Institution Course Title
EVOLUTION - KONZEPTE UND ANWENDUNGEN

Host Institution Course Details

Host Institution Campus
BIOLOGIE, CHEMIE, PHARMAZIE

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biologie

Course Last Reviewed

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