

SYLLABUS

Name: Applied conservation biology (25-BI-S2-E4-ACB-AN)

Name in Polish: Stosowana biologia konserwatorska

Name in English: Applied conservation biology

Information on course:

Course offered by department: Faculty of Biological Sciences

Course for department: Faculty of Biological Sciences

Default type of course examination report:

Grading

Language:

English

Short description:

Prerequisites regarding knowledge, skills, and social competences for the course/module

Basic knowledge of vertebrate and invertebrate zoology, botany, microbiology, molecular and ecological techniques of biodiversity assessment.

Student's own work:

- preparing to classes: 10h
- reading scientific publications: 20h
- preparing essay and presentation: 15h

Description:

Educational aims:

Integrating knowledge of biodiversity in global and local scale, theoretical background and practical skills provided by specialists conducting research in particular key group of organisms and habitats.

Course content:

- characterisation, synthesis and importance of biodiversity of key groups of organisms and their habitats;
- methods of biodiversity assessment, with reference to invasive and noninvasive approaches;
- human impact on global and local biodiversity;
- the latest scientific achievements in the field of conservation biology.

Bibliography:

Mandatory and recommended reading list:

Publications and selected book chapters provided by teachers.

Learning outcomes:

Intended learning outcomes

Student:

K_W06

- has extended knowledge of biodiversity, methods of biodiversity assessment and the main threats of biodiversity in global and local scale,

K_U07

-has ability to critically evaluate data from multiple sources and formulate her/his own opinion based on integrated knowledge in the field of conservation biology;

K_U06

-communicates ideas of conservation biology to scientific audience and provides an interpretation of science intended for a general audience;

K_K03

-is aware of civilisational threats to global biodiversity.

Assessment methods and assessment criteria:

Assessment methods for the intended learning outcomes:

- written test,
- participation in discussions,
- project/report preparation (in groups or individual),
- homework assessments,
- storytelling practice.

Credit requirements for individual components of the course/module:

- fieldwork and seminars:
- sum of credits obtained for particular classes,
- essay preparation and presentation.

Course credits in various terms:

<without a specific program>

Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	4	2024/25-L	