

COURSE DETAIL

ECOLOGY B

Country

Iceland

Host Institution

University of Iceland

Program(s)

University of Iceland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

ECOLOGY B

UCEAP Transcript Title

ECOLOGY B

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course is an introduction to the basics of ecology, concepts, approaches, and applications, with a focus on the utilization of natural resources. Topics include the history and discipline of ecology; population ecology; principles of population growth, effects of density, and population regulation. Species interactions: competition, predation, and other interaction forms. The structure and diversity of biological communities, succession, food webs, stability, and biodiversity. Ecosystems: nutrient and energy cycles and trophic efficiency. An introduction to Icelandic ecosystems.

Language(s) of Instruction

English

Host Institution Course Number

LÍF505M

Host Institution Course Title

ECOLOGY B

Host Institution Course Details

<https://ugla.hi.is/kennsluskra/index.php?tab=nam&chapter=namskeid&id=09514620246>

Host Institution Campus

Host Institution Faculty

Faculty of Life and Environmental Sciences/Engineering and Natural Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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