



Keilir
Miðstöð vísinda,
fræða og atvinnulífs

Biology 2B (LÍF2B06)

Preliminary University Studies Department

Course description

This course will give students an overview of the taxonomy of organisms and the basics of environmental studies. An emphasis is placed on student's increased awareness regarding the individual's part in environmental protection and to enhance the individual's sense of responsibility towards his/her nearest surroundings and the world. Students will become acquainted with the most common environmental issues that are being dealt with today. The course will deal with the following: taxonomy of organisms, ecology, land use, oceans and weather systems, resource depletion, destruction and pollution.

Prerequisites (Required preparation)

Biology 1A and chemistry 2A at the Preliminary University Studies Department

Competence level

2

Credits

6

By the end of the course

The student has acquired knowledge and understanding of:

- the variety of ways an individual can use to lead a more sustainable life
- the major concepts of ecology, i.e. sustainability, capacity, bio diversity and so on
- global warming, causes and consequences
- pollution, habitat destruction, extinction and world-wide population growth

- resources

The student has acquired the skill to:

- write reports in connection with hands-on projects
- sketch a food web and food chain
- evaluate the environmental effect of everyday activities by for example watching his/her own home environment
- discuss environmental issues from an economic and aesthetic point of view
- read a scientific article on environmental issues and to tell others what the article concludes

Student can use the knowledge and skill which he/she has acquired to:

- work independently and be responsible for his/her own study progress
- work in groups to, among other things, gain a bigger understanding of the curriculum
- Reduce waste, i.e. recycle or consume less
- Save natural resources by living in a more ecofriendly way
- Use critical thought on information connected to environmental issues
- Be an active participant in the discussion on environmental issues in Iceland and in the world

Course assessment:

The course is assessed in a variety of ways, there among group work, individual assignments, quizzes and a final exam that will make up part of the final grade.