

Sustainable Development and Recreation (3 ECTS)

Oktatás célja

Aim of the subject

The aim of the subject is to provide the students with knowledge concerning the proper handling of environmental/nature conservation issues arising in the management of sport/recreation activities and events.

Acquired competencies

Knowledge:

- The student has knowledge on the major environmental issues and problems
- The student has knowledge on the aspects of nature conservation
- The student is aware of methods that are able to solve/minimize the conflicts between sport-/recreation activities and environmental/nature conservation aspects

Attitude:

- The student should acquire an open attitude towards nature conservation/environmental aspects
- The student should be open to find mutually acceptable solutions for the conflicts

Abilities:

- The student should become able to adopt the viewpoint of a nature conservation professional
- The student should be able to organize and manage a sport-/recreation event taking into consideration the environmental aspects and issues

Tantárgy tartalma

Major topics

1. The inorganic (atmosphere, hydrosphere, lithosphere) and organic (biosphere) global systems
2. Major cycles of the biosphere: carbon, oxygen, hydrogen, water, energy
3. Population and environment, Earth's maximum population capacity, ecological footprint, overpopulation
4. Human effects on the environment
5. Energy generation; Contamination and pollution
6. Air pollution and its effects
7. Pollution of the soil and water and their effects
8. Noise and light pollution and their effects
9. Sports and the environment: general problems and aspects
10. Urban sports, winter sports
11. Sports in natural environments, water sports

Planned teaching methods

Frontal lecture, movies, presentation of the students' own projects

Számonkérési és értékelési rendszere

Requirements and evaluation

Requirements:

- participation in classes, according possible absence of HKR
- presentation of a project

Evaluation: practical mark (1-5)

Irodalom

Mandatory literature

- az előadások anyaga pdf-ben
- Kerényi A: Általános környezetvédelem. Mozaik Kiadó, Szeged, 2006
- McNeill, J.R.: Valami új a nap alatt. A huszadik század környezettörténete. Ursus Libris, Budapest, 2011

Recommended literature

- H.-J. Schemel: Sports and the Environment – a Manual. Meyer & Meyer Sport, Oxford, 2001
- International Olympic Committee: MANUAL ON SPORT AND THE ENVIRONMENT. IOC, Lausanne, 2005