

Nature preservation (Peter Škoberne, Ph.D., Assist. Prof.)

Subject code: NV

Academic year: 1.

Lectures: 30

Tutorials: 40

ECTS: 7

Aims of the course:

The students will learn and understand the fundamentals of protection and preservation of nature. At the beginning the students are acquainted with some basic concepts and historical baselines. In the following, the students will be acquainted with three natural aspects: natural attractions and values, plant and animal species and ecosystems. All these aspects require adequate methods of identification, evaluation and determination of a legal status which is the basis for various legal measures. In this way the students will, among others, learn about methods of evaluating natural values, attractions, methods of determining the degree of endangerment of plant and animal species (of IUCN categories), systems of protected areas, the ecology network Natura 2000, international conventions and fundamental possibilities to preserve the nature.

The practical part of this subject comprises the use of data sources and in the following preparation of a seminar paper, which requires, following a certain procedure, to identify a natural attraction/phenomenon, to identify its problem and propose possible solutions. This part also includes the basics of a short presentation with which the students finish their practical obligations of this subject.

Subject content:

- terminology,
- historical baselines of nature preservation,
- review of the history of nature preservations in Slovenia and worldwide,
- review of methods used in nature preservation,
- Natural phenomena (identification, evaluation, determination of their legal status, legal measures),
- plant and animal species (identification, determination of the degree of their endangerment, their legal status, legal measures) ,
- ecosystems (identification, evaluation, determination of their legal status, legal measures)
- Valid applicable legislation in the field of nature preservation in Slovenia (in details: natural values, protected areas, protection of biodiversity),
- International regulations in the field of natural preservations - international conventions,
- International regulations in the field of natural preservations - European legislation,
- Natura 2000,
- Review of other measures: planning, assessment, communication, interpretation,
- The principle of participation in nature preservation.

Teaching methods:

Lectures, tutorials for the use of database sources with seminar paper and its presentation.

Study obligations:

written (oral) exam, preparation and defence of seminar paper

Literature

study material (handouts of lectures with enclosed copies of basic literature sources - available on the internet ŠIS).

Skoberne, P., 1984: 100 Natural Attractions of Slovenia, Prešernova družba, Ljubljana

Skoberne, P., 2004: Overview of International Organisations and Regulations in the Field of Natural Preservations 2005, manual, version 9.1, Ministrstvo za okolje in prostor (Ministry of Environment and spatial planning) Ljubljana (available on ŠIS in e-form).

Skoberne, P., 2009: Natural Preservation in Slovenia (overview - 2009), internal study material (available on ŠIS)

Regulations in the field of natural preservation (<http://zakonodaja.gov.si>)