



Course title: Conservation of biodiversity

ECTS credit allocation (and other scores): 2.0 ECTS

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Natural sciences

Language: English

Number of hours per semester: 15/15

Course coordinator/ Department and e-mail: dr hab. Mirosław Grzybowski, prof. UWM; grzybomi@uwm.edu.pl

Type of classes: classes and lectures

---

#### Substantive content

**CLASSES:** National strategy for the protection of biodiversity and the sustainable use of biological diversity. Causes of extinction of native species of fauna and flora. Tourism and expansion of alien species. Overview selected groups and species of fauna and flora threatened with extinction in EU countries and the world most often visited as part of organized tourism. Characteristics of selected taxa protected under CITES.

**LECTURES:** Definitions and importance of biodiversity. Benefits of maintaining biodiversity. Methods of species protection in situ and ex situ. Washington Convention and other legal acts on biodiversity. Tourism as a reason for deliberate and accidental violation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora; import and export rules, sanctions. Restrictive factors and enriching the variety of cenoses. Preservation and monitoring of biodiversity. Impact of tourist activities on species and ecosystem diversity.

**Learning purpose:** Principles for the protection, multiplication and use of biodiversity resources for the purposes of tourism and recreation. The ability to predict changes in species biodiversity as a result of human pressure, including the influence of tourist behavior.

---

On completion of the study programme the graduate will gain:

**Knowledge:** Knows methods of protection and principles of sustainable use of biodiversity resources. Characterizes the impact of tourist activities on the conservation of biodiversity

**Skills:** It assesses the impact of tourism activities on the preservation of biodiversity at the level local, national and global.

**Social Competencies:** Understands the need for systematic updating of knowledge in the field of biodiversity at the level local and global. Is aware of its own limitations and knows when to ask experts to make it reliable assessment of the impact of tourist activities on the conservation of biodiversity

---

**Basic literature:** Convention on International Trade in Endangered Species of Wild Fauna and Flora (available on: [www.cites.org](http://www.cites.org)); The European environment state and outlook 2010 biodiversity. European Environment Agency (available on: <https://www.eea.europa.eu/pl/soer/europe/biodiversity>)

**Supplementary literature:** 1) Gliwicz J, Konwencja o różnorodności biologicznej: koncepcja, badania, strategia, wyd. NFOŚ. Warszawa, 1994; 2) Andrzejewski R., Weigle A., Różnorodność biologiczna Polski, wyd. NFOŚ. Warszawa, 2003

---

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 1.28

Student's independent work: 0.72