Course:	Course type:	Credits:	Course ID:
Nature protection III. (Conservation biology)	seminar	2	KTAK125
Course responsible: Dr. Géczi Róbert	**Programme type:** correspondence	**Hours/Semester:** 10	**Assessment:** exam

Course objectives:

Students learn about conservation biology in general, understand the contexts between the levels of biodiversity; they can understand the reasons and problem of extinction and those influences that endanger the biodiversity. Students meet studies about concrete cases, successful and failed conservation programs to understand the importance, relations and complexity of conservational work.

Competencies to be improved:

Knowledge:
Ability: K4; K8;
Attitude: A4; A8;
Autonomy and responsibility: F3

Compulsory literature:

Primack, R.B. 2014. Essentials of Conservation Biology. 6th ed. Sinauer Associates Inc. Sunderland

Recommended literature:

Conservation Biology for All; edited by Navjot S. Sodhi and Paul R. Ehrlich; Oxford University Press 2010

Course content:

The course comprises the following topics:
-Reasons of importance of nature conservation
-Significance of conservation biology
-Biodiversity (definition, concept, levels and global patterns);
-Concepts and types of rarity; the most vulnerable and endangered species
-Five major mass extinction on the Earth
-Types of extinction and conservation categories (IUCN)
-Biological consequences of habitat destruction, fragmentation and degradation
-Biological consequences of overexploitation and illegal trade of animal and plant species, effects of non-native and invasive species
-International conferences and conventions on protecting nature
-Importance of ex situ conservation (zoos, aquariums, seed banks and arboretums)

Course requirements:

- attandence at classes
- assignments to submit

Grading scale:
100-90%: excellent; 90-80%:good; 80-70%:satisfactory; 70-60%: pass

Course Programme:	Semester:	Lecturer:
WJLF ENVIRONMENTAL SCIENCE	2019_2020_1	Bettina Bakos

Budapest, 2019. augusztus

Bakos Bettina