Study program: Bachelor academic studies of ECOLOGICAL ECONOMICS (BASEE)		
Type and level of studies: Bachelor academic studies, I level		
Subject name: Biodiversity Protection	**Subject code**	6E2BIO
Professor: dr Jelena Z. Veličković, assistant professor		
Subject status: Mandatory		
Number of ECTS points: 7		
Condition: none		

Subject goal

Introducing students to biodiversity, its levels, manifestations, significance, status, vulnerability as well as its preservation methods.

Subject outcome

The acquired knowledge of biodiversity, its scientific and practical significance from the aspect of preservation of biosphere and the future of humanity, will enable high level of expertise in the field of assessment, protection and improvement.

Subject content

Theoretical classes

Definition and levels of biodiversity; Organic evolution as a source of biodiversity; Genetic diversity, its manifestations, value and importance. Species diversity, its manifestations, value and importance. Diversity of the ecosystem, its manifestations, value and importance. condition, degree of vulnerability and factors of endangering biodiversity. Ecosystem services; Economical and ethical aspects of preserving biodiversity. Passive and active measures of preserving biodiversity.

Practical classes

Models and methods of evaluation of genetic diversity. Models and methods of evaluation of species diversity. Models and methods of evaluation of ecosystem diversity. Methods of preserving biodiversity.

Literature

1. Амиџић, Л. (2012): Биолошка разноврсност. Скрипта. Универзитет Сингидунум, Факултет за примењену екологију Футура. Београд.

2.Стевановић, В., Васић, В. (ур.) (1995): Биодиверзитет Југославије са прегледом врста од међународног значаја. Биолошки факултет Универзитета у Београду, Еколибри. Београд.

Additional literature:

1.Милинков, В. (2007): Основе конзервационе биологије I. Департмант за биологију и екологију. Природно-математички факултет Универзитета у Новом Саду.

2. Вујић, А. (2007): Основе конзервационе биологије II. Департмант за биологију и екологију. Природно-математички факултет Универзитета у Новом Саду.

3. Радовић, И., Петров, Б. (2001): Разноврсност живота 1 - структура и функција. Биолошки факултет Београд, Stylos. Нови Сад - Београд.

4. Лакушић, Д. (ур.). (2001): Биодиверзитет и нови миленијум. Мала еколошка библиотека. Друштво еколога Србије, Завод за заштиту природе Србије. Београд.

Number of active teaching classes				Other classes
Lectures: 2 (30)	Practical classes:2(30)	Other class forms: Field work	Individual research paper:	

Teaching methods

Lectures, practices, field work, consultations, colloquium, seminar paper, written exam

Knowledge evaluation (maximum number of points is 100)

Pre-exam obligations	**points**	**Final exam**	**Points**
Activity during classes	10	written exam	50
Colloquium	20	.....	
Seminar paper	20		