**Name of the subject: Environment, Planning and Geoecology**

**Teacher(s):** Vladimir Stojanović, Jasmina Đorđević, Milana Pantelić

**Status of the subject:** elective

**Number of ECTS points:** 15

**Condition: -**

**Goal of the subject**

To form meaningful integration among geography, geoecology, environment and planning in order to comprehend the problems of pollution and environmental protection. To acquire knowledge about the importance of geoecological planning processes and principles, which will be used in solving environmental protection problems.

**Outcome of the subject**

After successfully completing the course, the student is able to:
- independently identifies and interprets environmental problems and examples from practice;
- successfully applies geoecological techniques and planning principles in order to preserve the environment;
- draws conclusions and professionally interprets the results of research in environmental management.

**Content of the subject**

*Theoretical lectures*

Geological principles of environmental studies; Geoecological exploration methods; Global cycles and systems and their impacts on environment; Global environment; Geological, geomorphological, pedological and biogeographical aspects of geosphere; Ecosystem problems; Social and economical factors impact on geoecological environmental functions; Planning as integral part of environmental management; Basics, problems and topics in spatial planning; Geoecological planning principals in environment protection; Geoecology and planning from sustainable development view.

*Practical lectures*

Research work which results are presented through a seminar or scientific paper.

**Recommended literature**

1. Haggett, P., (2001): Geography, A Global Synthesis, Harlow.

2. Marsh, W., (2005): Landscape planning, Environmental applications, Wiley.

3. Gray, M., (2004): Geodiversity, valuing and conserving abiotic nature, Wiley, Chichester.

4. Marsh W., Grossa, J., (2002): Environmental Geography – Science, Land Use and Earth System, John Wiley & Sons, Inc., New York.

5. Castree, N., Demeritt, D., Liverman, D., Rhoads, B., (2009): A Companion to Environmental Geography. Wiley-Blackwell, Chichester.

| Number of active classes | Theory: | Practice: |
|---|---|---|

**Methods of delivering lectures**

Oral lectures, individual consultations, seminar papers

**Evaluation of knowledge (maximum number of points 100)**

Seminar paper 50 points
Oral exam 50 points