

COURSE EVALUATION REPORT

Type	Evaluation of implemented SWARM course
Institution	University of Nis, Faculty of Civil Engineering and Architecture
Course title	Water Resources Management (UVR)
ECTS	5
Reporting date	20 January 2022
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University of Nis



Strengthening of master curricula in water resources management
for the Western Balkans HEIs and stakeholders

SWARM COURSE DESCRIPTION

with special reference to learning outcomes

Course description:

Mastering basic knowledge in the field of water management and water management planning. Introduction to water legislation in our country and in Europe.

By implementing the program, students can gain basic knowledge about water management planning and water use, water protection and water protection, in the present and future, as well as to be able to implement legislation in the field of water.

Theoretical classes

1. Global indicators of available water, water consumption and water demand. Water regimes, indicators of spatial and temporal unevenness of available and required water resources in the basin.
2. Importance of planning in the field of water management
3. European Water Framework Directive.
4. Water management areas and branches. Water management postulates.
5. Water management systems, description and stages of their development. Single-purpose and multi-purpose water management systems. Features of water management systems.
6. Defining tasks of planning and management of water management systems. Water management objectives, criteria and constraints.
7. Mathematical modelling in water management system tasks
8. Basic principles and tasks of application of simulation models in the field of water management planning.
9. Simulation models for water management systems
10. Systematization of optimization methods for solving tasks of planning and management of water management systems.
11. Water management basis, structure and content, information systems within water management systems.
12. Socio-economic relations and legal regulations in Water Management.

Practical classes

During the semester, students work independently on two seminar papers. One from the field of water management planning, which is based on the selection of optimal solutions in the field of available water resources, water needs, and protection from water in the basin. The second refers to the implementation of legal regulations in our country and in Europe within the framework of planning.

Problems encountered during the realization of course

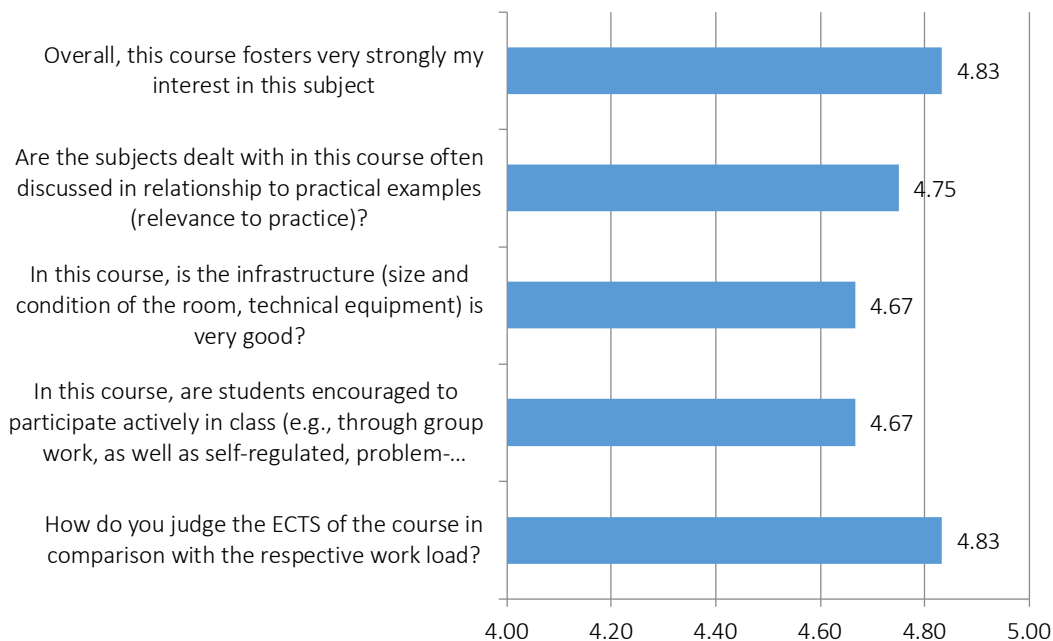
Please add your comments, if any:

Evaluation details

Results of general evaluation of implemented course

Description					
Students graduated implemented course as strongly agree or agree with the average marks from 4.67 to 4.83. Two answers have the mark 4.83. The average mark for the whole implemented course is 4.75.					
Table/Figure					
General evaluation of implemented course					
Grading	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
How do you judge the ECTS of the course in comparison with the respective work load?	83.3	16.7	0.0	0.0	0.0
In this course, are students encouraged to participate actively in class (e.g., through group work, as well as self-regulated, problem-oriented learning)?	66.7	33.3	0.0	0.0	0.0
In this course, is the infrastructure (size and condition of the room, technical equipment) is very good?	66.7	33.3	0.0	0.0	0.0
Are the subjects dealt with in this course often discussed in relationship to practical examples (relevance to practice)?	75.0	25.0	0.0	0.0	0.0
Overall, this course fosters very strongly my interest in this subject	83.3	16.7	0.0	0.0	0.0

General evaluation of implemented course



Results of evaluation of teaching staff

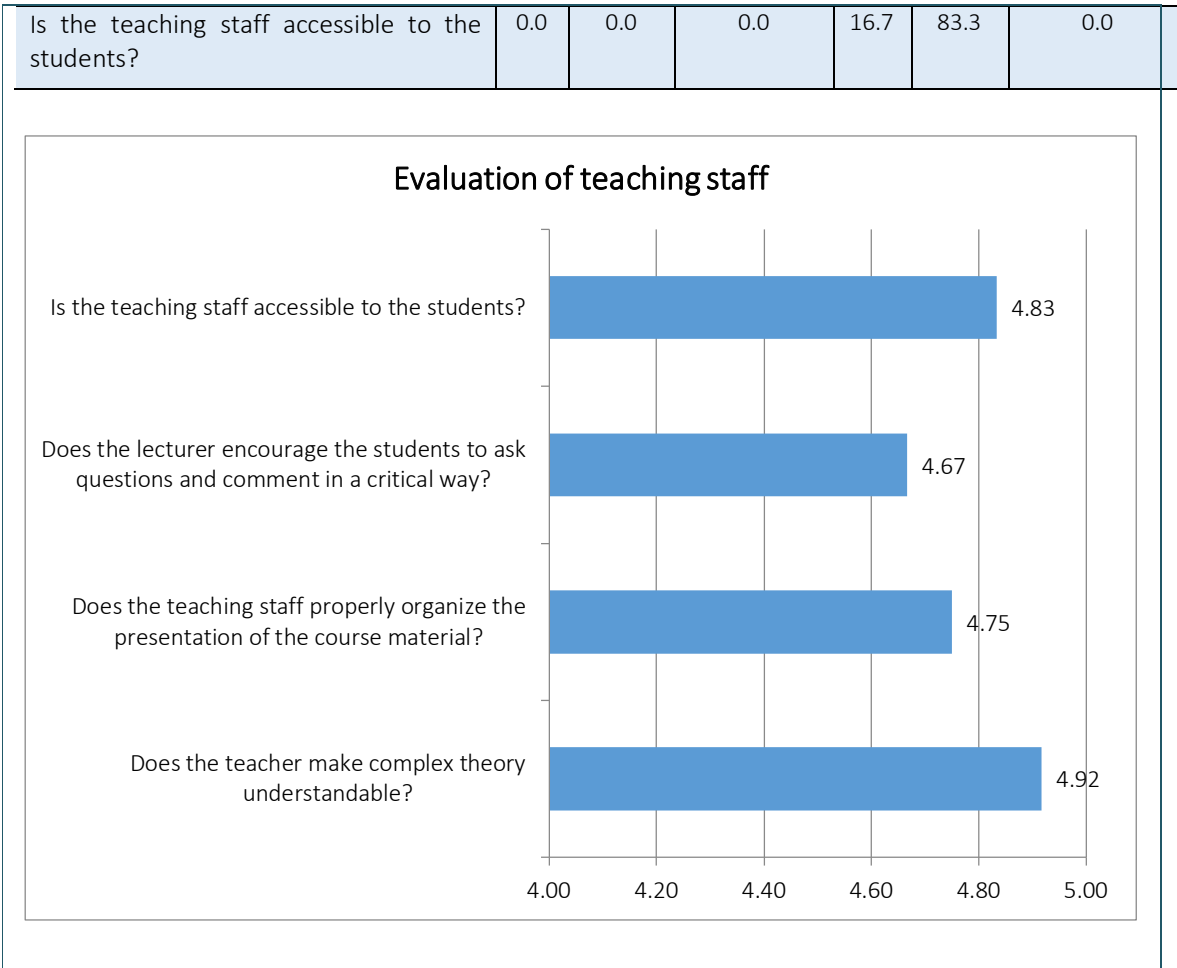
Description

Students graduated teaching staff with the average marks from 4.67 to 4.92. It should be highlighted that making complex theory understandable has the greatest mark i.e. 4.92. The average mark for the whole teaching staff is 4.79.

Table/Figure

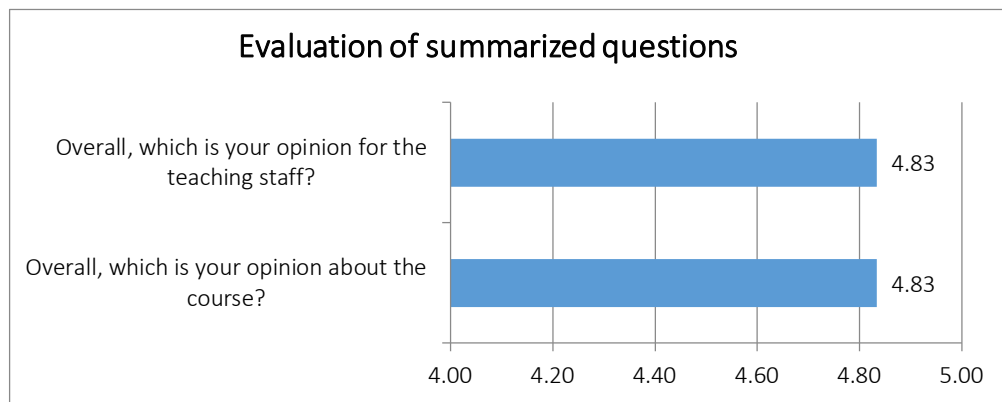
Evaluation of teaching staff

Grading	No	Slightly	Moderate	Yes	Very much	I do not know/ I don't answer
Does the teacher make complex theory understandable?	0.0	0.0	0.0	8.3	91.7	0.0
Does the teaching staff properly organize the presentation of the course material?	0.0	0.0	0.0	25.0	75.0	0.0
Does the lecturer encourage the students to ask questions and comment in a critical way?	0.0	0.0	0.0	33.3	66.7	0.0



Results of evaluation of summarized questions

Description						
Overall opinion of the course and teaching staff has the same mark i.e. 4.83.						
Table/Figure						
Evaluation of summarized questions						
Grading	Bad	Not good	Moderate	Good	Very good	I do not know/ I don't answer
Overall, which is your opinion about the course?	0.0	0.0	0.0	16.7	83.3	0.0
Overall, which is your opinion for the teaching staff?	0.0	0.0	0.0	16.7	83.3	0.0



Additional comments

What I especially like about the course?

Please add your comments, if any:

What could be improved in the course?

Please add your comments, if any:

Comments regarding the questions/the evaluation

Please add your comments, if any:

Please indicate your suggestions for further improvement:
