

## COURSE EVALUATION REPORT

Type	Evaluation of implemented SWARM course
Institution	University of Novi Sad, Faculty of Technical Sciences
Course title	Alternative Separation Processes (ASP)
ECTS	6
Reporting date	20 January 2022
Report author(s)	Maja Petrović, Igor Peško, Srđan Kovačević, Slobodan Kolaković

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University of Nis



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

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## SWARM COURSE DESCRIPTION

### with special reference to learning outcomes

**Course description:**

Introducing students with Specific pollutants of water resources. An overview of conventional and alternative separation methods. Removal of organic and inorganic pollutants by various alternative sorption processes. Alternative adsorbents. Device operating modes. Reactor types. Improved membrane processes. Alternative coagulation and flocculation processes. Reverse osmosis. Electroflotation. Electrocoagulation. Electrooxidation. Advanced oxidation processes. Phytoremediation. Photocatalytic degradation of organic pollutants. Advanced biological processes in water treatment. Phosphorus recirculation from wastewater. Application of algae in water treatment. Floating wet fields. Different future perspectives of water treatment, remediation and recycling.

Objectives: - Acquiring the necessary knowledge in the field of existing alternative and advanced separation processes in water treatment - Acquiring the necessary knowledge in the field of designing water treatment plants with alternative and advanced separation treatments

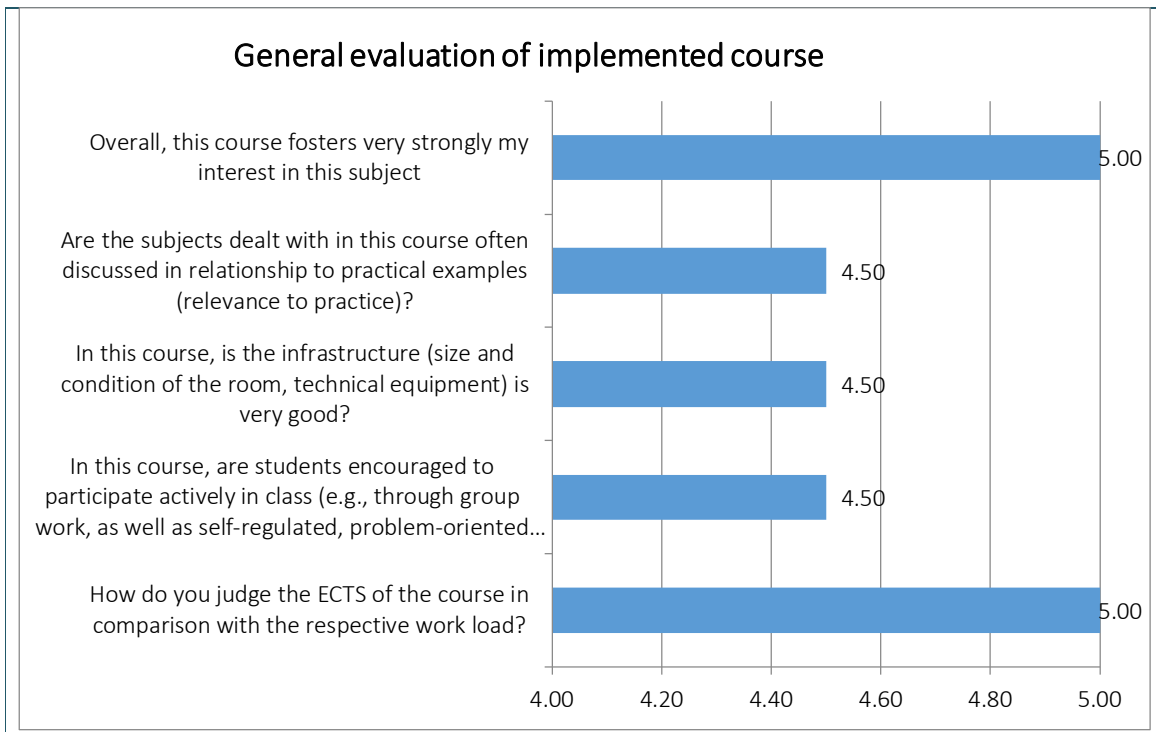
### Problems encountered during the realization of course

Please add your comments, if any: -

## Evaluation details

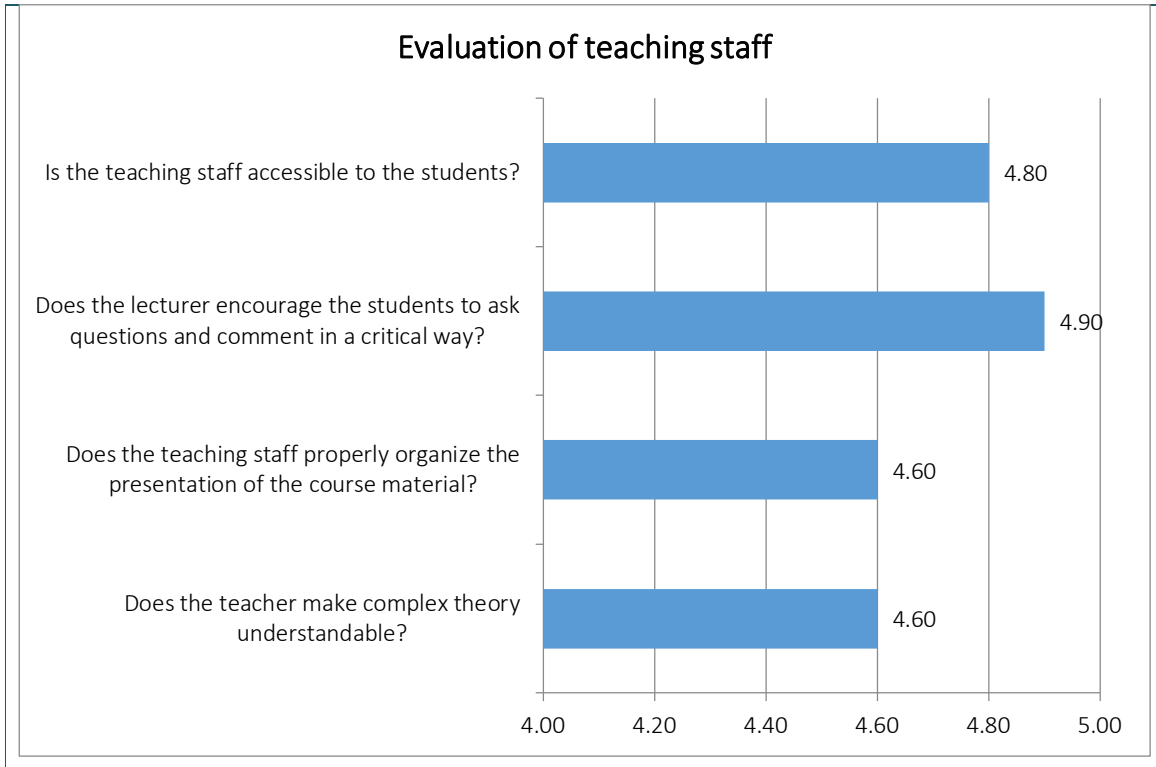
### Results of general evaluation of implemented course

Description					
<p>Students graduated implemented course as strongly agree or agree with average marks from 4.50 to 5.00. It should be highlighted that the ECTS of the course in comparison with the respective work load has the greatest mark i.e. 5.00. The average mark for the whole implemented course is 4.70.</p>					
Table/Figure					
<b>General evaluation of implemented course</b>					
Grading	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
How do you judge the ECTS of the course in comparison with the respective work load?	100,0	0,0	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)?	50,0	50,0	0,0	0,0	0,0
In this course, is the infrastructure (size and condition of the room, technical equipment) is very good?	50,0	50,0	0,0	0,0	0,0
Are the subjects dealt with in this course often discussed in relationship to practical examples (relevance to practice)?	50,0	50,0	0,0	0,0	0,0
Overall, this course fosters very strongly my interest in this subject	100,0	0,0	0,0	0,0	0,0



### Results of evaluation of teaching staff

Description						
Students grading teaching staff with average marks from 4.60 to 4.90. The average mark for the teaching staff is 4.73.						
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	40,0	60,0	0,0
Does the teaching staff properly organize the presentation of the course material?	0,0	0,0	0,0	40,0	60,0	0,0
Does the lecturer encourage the students to ask questions and comment in a critical way?	0,0	0,0	0,0	10,0	90,0	0,0
Is the teaching staff accessible to the students?	0,0	0,0	0,0	20,0	80,0	0,0



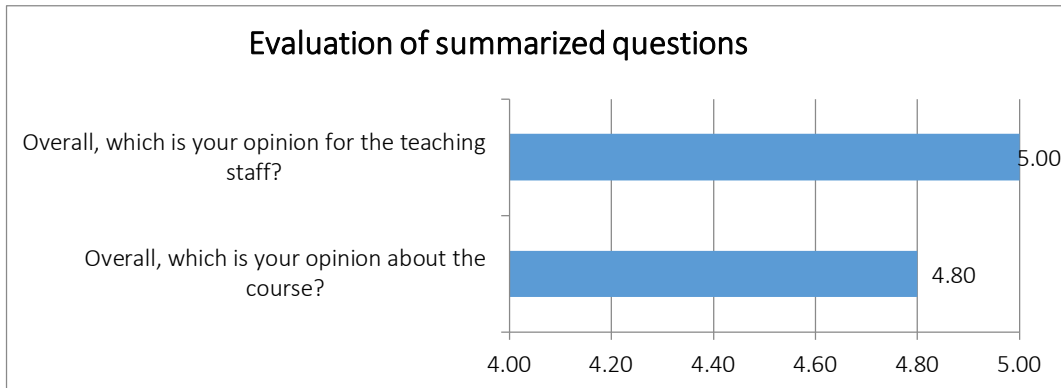
### Results of evaluation of summarized questions

Description						
Overall opinion of the course and teaching staff has the average mark were 4.80 and 5.00, respectively.						
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	20,0	80,0	0,0
Overall, which is your opinion for the teaching staff?	0,0	0,0	0,0	0,0	100,0	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:

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