



SETOF

**Soil Erosion and TOrrential Flood
Prevention: Curriculum Development at the
Universities of Western Balkan Countries**

ERASMUS + KA2–Capacity Building in the field of Higher Education

REPORT OF NEW MASTER PROGRAMME IMPLEMENTED

Novi Sad, 10 - 11 March 2022



Reference Number: 598403-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

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Joint study program of master's academic studies
Soil Erosion and Torrential Flood Prevention

was developed within the Erasmus + K2 project

Soil Erosion and Torrential Flood prevention : Curriculum
Development at the Universities of Weestern Balkan Countries -
SETOF



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The joint study program of the master academic studies is organized by five Universities:

- three from the Republic of Serbia:

University in Belgrade,

University in Novi Sad University in Niš

- two from the Republic of Bosnia and Herzegovina:

University in Banja Luka

University in Sarajevo

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- The joint master study program is **one year long** and it is sectioned into two semesters
- It contains four mandatory and two elective subjects and in its total volume carries 60 ECTS points
- The teaching process contains: lectures, exercises, seminar papers, exams, study-research work, professional practice, and master's thesis.





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No	Code	Subjects	S	Number of classes	ECTS
1.	20.ER2101	Soil and water degradation	I	3+2	5
2.	20.ER2102	Soil erosion protection	I	3+2	6
3.	20.ER2103	Torrential flood protection	I	2+3	6
4.	20.ER2104	Integrative torrential watershed management	I	3+2	5
5.	20.ER2110	Elective subject I - Land melioration - Conservation of karst terrain - Climate change adaptation - Project management for natural resources protection - Sustainable land management - Biomelioration of barelands - Geoinformation tehnology	I	2+2	4
6.	20.ER2120	Elective subject II - Natural disasters risks management - Land degradation and ecosystem services - Torrent monitoring and early warning system - Decision making in soil erosion and torrent control - Modelling of soil and water degradation - Melioration of degraded forests	I	2+2	4
7.	20.ER2201	Study -research work	II	10	7
8.	20.ER2202	Professional practice	II	6	3
9.	20.ER2203	Development of master thesis	II	12	12
10.	20.ER2204	Master thesis	II	2	8
Total classes of active teaching				58	
Total ECTS					60



Subjects	Offered by	Compulsory /elective	Semester	ECTS	Professors
Soil and water degradation	FOS-NI FF-BG FF-BL (joint course)	Compulsory	1st	5	Tatjana Golubović, Miodrag Zlatić, Marijana Kapović Solomun, Katarina Lazarević
Soil erosion protection	FF-BG FA-NS (joint course)	Compulsory	1st	6	Radovan Savić, Tijana Vulević, Siniša Polovina, Katarina Lazarević
Torrential flood protection	FF-BG FF-SA (joint course)	Compulsory	1st	6	Ratko Ristić, Muhamed Bajrić, Dejan Vasović, Siniša Polovina, Ranka Erić
Integrative torrential watershed management	FOS-NI FF-BG FF-SA (joint course)	Compulsory	1st	5	Miodrag Zlatić, Muhamed Bajrić, Ranka Erić
Elective subject I (List of subjects)					
Land melioration	FA-NS FF-BG (joint course)	Elective	1st	4	Radovan Savić, Atila Bezdán, Milica Vranešević, Aleksandar Baumgertel
Conservation of karst terrain	FF-SA	Elective	1st	4	Ćemal Višnjić, Muhamed Bajrić, Emira Hukić
Climate change adaptation	FOS-NI	Elective	1st	4	Slobodan Milutinović
Project management for natural resources protection	FF-BG	Elective	1st	4	Nada Dragović, TijanaVulević
Sustainable land management	FF-BL FF-BG (joint course)	Elective	1st	4	Marijana Kapović Solomun, Miodrag Zlatić, Mirjana Todosijević
Biomeliorationof barelands	FF-BL	Elective	1st	4	Jugoslav Brujić, BranislavCvjetković
Elective subject II (List of subjects)					
Natural disasters risks management	FOS-NI	Elective	1st	4	Slobodan Milutinović, Snežana Živković
Land degradation and ecosystem services	FF-BG FF-BL (joint course)	Elective	1st	4	Mirjana Todosijević, Marijana Kapović Solomun, Katarina Lazarević
Torrent monitoring and early warning system	FF-BG FF-SA FOS-NI (joint course)	Elective	1st	4	Muhamed Bajrić, DejanVasović, Siniša Polovina, Ranka Erić
Decision making in soil erosion and torrent control	FA-NS FF-BG (joint course)	Elective	1st	4	BoskoBlagojević, TijanaVulević
Modelling of soil and water degradation	FF-BG FA-NS (joint course)	Elective	1st	4	Mirjana Todosijević, AtilaBezdan, Katarina Lazarević, Ranka Erić
Melioration of degraded forests	FF-SA	Elective	1st	4	Ćemal Višnjić
Study -research work	FOS-NI FF-BG FF-BL FF-SA FA-NS	Compulsory	2nd	7	Work with mentor
Professional practice	FOS-NI FF-BG FF-BL FF-SA FA-NS	Compulsory	2nd	3	Teachers from all partner institutions
Master work	FOS-NI FF-BG FF-BL FF-SA FA-NS	Compulsory	2nd	20	Work with mentor



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The certificate of accreditation of the joint study program
of master's academic studies

Soil erosion and flood prevention

was obtained by the decision of the Commission for
Accreditation of the National Body for Accreditation and
Quality Assurance in Higher Education of the Republic
of Serbia (NEAQA)

from 13.05.2021. year (no.612-00-00212/5/2020-03)



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2021/2022.

КОНКУРС



УНИВЕРЗИТЕТ У БЕОГРАДУ, ШУМАРСКИ ФАКУЛТЕТ
УНИВЕРЗИТЕТ У НОВОМ САДУ, ПОЉОПРИВРЕДНИ
ФАКУЛТЕТ

УНИВЕРЗИТЕТ У НИШУ, ФАКУЛТЕТ ЗАШТИТЕ НА РАДУ

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<http://polj.uns.ac.rs/>;

<https://www.znrfak.ni.ac.rs/>



The Competition for student enrollment for school 2021/22

- The given special conditions
- criteria for determining the order of candidates,
- tuition fees and
- additional information.





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The Commission for admission of candidates for the school year 2021/22 was adopted by the Academic Board:

- dr Tijana Vulević, Univerzitet u Beogradu,
- dr Snežana Živković, Univerzitet u Nišu,
- dr Boško Blagojević, Univerzitet u Novom Sadu.



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Students are enrolled on the basis of a publicly available ranking list published at the Faculty of Forestry, University of Belgrade.

The ranking list is also published on the website of the university holding the joint study program.

Student enrollment is done at the University and Belgrade Faculty of Forestry

Students enrolled in a joint master's study program in the school year 2021/22 do not pay tuition - covered by the Project



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The submitted documentation must contain:

- application form,
- diploma and diploma supplement
- CV of the candidate.

Candidates who submitted applications for the competition to the student service of the Faculty of Forestry, University of Belgrade.



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Example of scoring method

Univerzitet	kandidat	pros. ocena	poeni	duž. studiranja	nagrade,iskustvo		ukupno
					rad		
Univerzitet u Beogradu	Lazar Radulović	9,44	66,08	20	2	88,08	
Univerzitet u Nišu	Anđelija Božić	9,12	63,84	20	6	89,84	
Univerzitet u Nišu	Ana A. Stojanović	8,8	61,6	20	6	87,6	
Univerzitet u Banjoj Luci	Ilija D. Čigoja	9,21	64,47	20	2	86,47	
Univerzitet u Nišu	Nikola Z. Stojanović	7,85	54,95	20	10	84,95	
Univerzitet u Beogradu	Nikola Stanišić	8,92	62,44	20	0	82,44	
Univerzitet u Beogradu	Gordana Krsmanović	8,36	58,52	16	4	78,52	
Univerzitet u Banjoj Luci	Tatjana R. Kunić	8,76	61,32	12	4	77,32	
Univerzitet u Beogradu	Šoškić Tihomir	8,05	56,35	20	0	76,35	
Univerzitet u Nišu	Dimitrije D. Anđelković	7,95	55,65	20		75,65	
Univerzitet u Banjoj Luci	Sanja B. Grubić	7,78	54,46	16	4	74,46	
Univerzitet u Beogradu	Nemanja Anđelković	8,05	56,35	16	0	72,35	
Univerzitet u Beogradu	Branko Ervaćanin	7,43	52,01	12	6	70,01	
Univerzitet u Beogradu	Nenad Janik	7,63	53,41	8	4	65,41	





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The 23 students who applied for the competition:

- 6 with completed undergraduate studies at the Faculty of University of BiH:

4 students from the University of Banja Luka

2 students from the University of Sarajevo

- 17 students with completed undergraduate studies at the faculties of the University of Serbia:

7 students from the University of Belgrade

5 students from the University of Nis

5 students from the University of Novi Sad



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The SETOF project planned and held **block classes** in the teaching base of the University of Belgrade - Faculty of Forestry in Goč from November 1, 2021 to November 5, 2021.

	ponedeljak		utorak	sreda	četvrtak	petak	
8:00 – 8:45	Degradacija zemljišta i voda		Zaštita zemljišta od erozije	Prevenција od bujičnih poplava	Integralno upravljanje bujičnim slivovima	Monitoring bujč.tok. i sistem r.n.	Odlučivanje u zašt.od er. i buj.
9:00 – 9:45						Upravlј. projektima	Uprav. prirodnim katastrof.
10:00 – 10:45							
11:00 – 11:45							
12:00 – 12:45	Priјem studenata		IP: Melioracije zemljišta		IP: Modeli degradacije zemlj. i voda		
Pauza							
14:00 – 14:45	Adap. na klim. promene	Degrad. zem i usluge eksis.	Degradacija zemljišta i voda	Zaštita zemljišta od erozije	Prevenција od bujičnih poplava	Integralno upravljanje bujičnim slivovima	
15:00 – 15:45							
16:00 – 16:45	Održivo upr. zemlj. res.	Konz. karstnih terena					
17:00 – 17:45							
18:00 – 18:45	Melioracije degrad. šuma						





The second *block of classes* was held at the Teaching Base of the University of Belgrade - Faculty of Forestry in Goč on January 31, 2022 to February 4, 2022.

	ponedeljak		utorak		sreda		četvrtak		petak
8:30 – 9:15	Degradacija zemljišta i voda		Zaštita zemljišta od erozije		Prevenција od bujičnih poplava		Integralno upravljanje bujičnim slivovima		Integralno upravljanje bujičnim slivovima
9:25 – 10:10									
10:20 – 11:05									
11:15 – 12:00	IP1	IP2	IP7	IP8	IP9	IP10	IP11	IP12	IP
12:00 – 12:45									
Pauza									
14:00 – 14:45	IP3	IP4	Degradacija zemljišta i voda		Zaštita zemljišta od erozije		Prevenција od bujičnih poplava		
15:10 – 15:55									
16:05 – 16:50									
17:00 – 17:45	IP5	IP6							





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Consultations were held with students related to the preparation of seminar papers, preparation for exams and registration of the topic of master's theses





Exam registration, minutes and applications from the passed exam, and other administrative affairs

are performed through

Student services of the Faculty of Forestry, University of Belgrade, which is the holder of the study program.

Универзитет у Београду
Шумарски факултет у Београду

Датум штампања: 14.01.2022.

Зaписник о полагању испита

Предмет: Деградација земљишта и вода		Група: I		Шифра предмета: 21МЕЕ/ДЕГТРА			
Испитни рок: јануар 2021/2022		Датум: --		Време: --			
Студијски програм: Ерозија земљишта и превенција од бујичних поплава				Сала:			
Име и презиме наставника: Тања Јања Голубовић, Милош Златић, Маријана Каповић Солосун							
РБ	Индекс	Статус	Презиме и име студента	Б.полаг.	Поени	Оцена	Датум полагања
1.	2021/550002	Б	Анђелковић Немања	1			
2.	2021/550004	Б	Грубић Сања	1			
3.	2021/550005	Б	Станишић Никола	1			
4.	2021/550006	Б	Радуловић Лазар	1			
5.	2021/550008	Б	Стојановић Никола	1			
6.	2021/550009	Б	Стојановић Ана	1			
7.	2021/550023	Б	Хоџић Аднан	1			
8.	2021/550024	Б	Чалук Амна	1			

Универзитет у Београду
Шумарски факултет

ИСПИТНА ПРИЈАВА

буџет / самоф. Број индекса: _____

ЈМБГ [| | | | | | | | | |]

Име и презиме: _____

Студијски програм / Одсек: _____

Предмет сам слушао-ла _____ семестру, школске _____ /
код проф.др _____

Испит полагајем у _____ испитном року, _____ пут.

НАЗИВ ПРЕДМЕТА _____

Студент је полагао испит, остварио _____ поена
и добио оцену _____ (_____)
дата _____ 20 _____ године.

Потпис испитивача: _____

Страна 1 од 1

(предметни наставник)

(члан комисије)

