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**Unapređenje kvaliteta nastave hemije u stručnom obrazovanju u Bosni i Hercegovini**

***Improvement the quality of chemistry teaching in VET in Bosnia and Herzegovina***

## **CHEMTEACH**



**Broj projekta / Project No. 101129417-ERASMUS-EDU-2023-CB-VET**

## **AGENDA**

**Konferencija o unapređenju kvaliteta nastave hemije u srednjim školama sa  
nastavnicima i predstavnicima privrede**

***Conference on improving the quality of chemistry teaching in secondary schools  
with teachers and business representatives***

**Mjesto održavanja: Prirodno-matematički fakultet, Mladena Stojanovića 2, Banja Luka  
Datum održavanja: 25-29. mart 2024. godine (ponedjeljak-petak)**

***Venue: Faculty of Natural Sciences and Mathematics, Mladena Stojanovića 2, Banja Luka  
Date of event: March 25-29, 2024 (Monday-Friday)***



<b>PRVI DAN / DAY 1</b>		
<b>Ponedjeljak, 25. mart 2024. godine, Prirodno-matematički fakultet (amfiteatar)</b> <b>Monday, March 25, 2024, Faculty of Natural Sciences and Mathematics (Amphitheater)</b>		
<b>Sekcija I – Prezentacija ChemTeach projekta</b> <b>Session I – Presentation of the ChemTeach project</b>		
9:30-10:00	Registracija učesnika <i>Registration of participants</i>	
10:00-10:15	Uvodna obraćanja <i>Introductory speeches</i>	Rukovodstvo Prirodno-matematičkog fakulteta, UNIBL  <i>Representatives of the Faculty of Natural Sciences and Mathematics, UNIBL</i>
10:15-10:30	Prezentacija ChemTeach projekta <i>ChemTeach Project presentation</i>	Prof. dr Ivan Španik, koordinator ChemTeach projekta, STU  <i>Prof. Ivan Španik, PhD, ChemTeach Project Coordinator, STU</i>
10:30-10:45	Uloga Univerziteta u Banjoj Luci u ChemTeach projektu <i>Partnership of the University of Banja Luka with the ChemTeach Project</i>	Prof. dr Milica Balaban, UNIBL  <i>Prof. Milica Balaban, PhD, UNIBL</i>
10:45-11:15	Partnerstvo sa školama u ChemTeach projektu <i>Partnership of Schools and the ChemTeach Project</i>	Predstavnici škola MedSBL, GIMNBL, TSBL  <i>Representatives of MedSBL, GIMNBL, TSBL</i>
11:15-11:45	Pauza / <i>Coffee break</i>	
<b>Sekcija II – Procjena potreba škola i tržišta rada</b> <b>Session II – Needs assessment of schools and labour market</b>		
11:45-13:15	Diskusija sa predstavnicima privrede <i>Discussion with business representatives</i>	Predstavnici privrede, nastavnici, UNIBL, MedSBL, GIMNBL, TSBL  <i>Business representatives, teachers, UNIBL, MedSBL, GIMNBL, TSBL</i>
13:15-13:30	Zaključci diskusije / <i>Closing remarks</i>	
13:30-14:30	Ručak / <i>Lunch</i>	



## DRUGI DAN / DAY 2

**Utorak, 26. mart 2024. godine, Prirodno-matematički fakultet (Učionica br. 7)**  
**Tuesday, March 26, 2024, Faculty of Natural Sciences and Mathematics (Classroom No. 7)**

Sekcija III – Procjena potreba nastavnika

*Session III – Needs assessment of school teachers*

10:00-10:45	Elementi modernog kurikulumuma <i>Modern curriculum</i>	Prof. dr Milica Balaban, UNIBL <i>Prof. Milica Balaban, PhD, UNIBL</i>
10:45-11:15	Pauza / Coffee break	
11:15-12:00	Radionica: Analiza odabranog kurikulumuma <i>Workshop: Curriculum analysis</i>	Rad u timovima uz UNIBL mentorstvo <i>Teamwork mentored by UNIBL</i>
12:00-12:30	Pauza / Coffee break	
12:30-14:00	Diskusija sa nastavnicima <i>Discussion with teachers</i>	Nastavnici, MedSBL, GIMNBL, TSBL, UNIBL <i>Teachers, MedSBL, GIMNBL, TSBL, UNIBL</i>

## TREĆI DAN / DAY 3

**Srijeda, 27. mart 2024. godine, Prirodno-matematički fakultet (Učionica br. 7)**  
**Wednesday, March 27, 2024, Faculty of Natural Sciences and Mathematics (Classroom No. 7)**

Sekcija IV – Procjena potreba nastavnika

*Session IV – Needs assessment of school teachers*

10:00-10:45	Ekperimenti u nastavi hemije <i>Teaching using laboratory experiments</i>	Prof. dr Saša Zeljković, UNIBL <i>Prof. Saša Zeljković, PhD, UNIBL</i>
10:45-11:15	Pauza / Coffee break	
11:15-12:00	Radionica: Učenje u ChemLab-u <i>Workshop: Teaching in the ChemLab</i>	Rad u timovima uz UNIBL mentorstvo <i>Teamwork mentored by UNIBL</i>
12:00-12:30	Pauza / Coffee break	
12:30-14:00	Diskusija sa nastavnicima <i>Discussion with teachers</i>	Nastavnici, MedSBL, GIMNBL, TSBL, UNIBL <i>Teachers, MedSBL, GIMNBL, TSBL, UNIBL</i>



#### ČETVRTI DAN / DAY 4

Četvrtak, 28. mart 2024. godine, Prirodno-matematički fakultet (Učionica br. 7)  
Thursday, March 28, 2024, Faculty of Natural Sciences and Mathematics (Classroom No. 7)

#### Sekcija IV – Procjena potreba nastavnika

#### Session IV – Needs assessment of school teachers

10:00-10:45	Digitalne vještine u nastavi hemije Digital skills in chemistry teaching	Prof. dr Saša Zeljković, UNIBL Prof. Saša Zeljković, PhD, UNIBL
10:45-11:15	Pauza / Coffee break	
11:15-12:00	Radionica: Dostupni digitalni alati za nastav hemije <i>Workshop: Open digital tools for teaching chemistry</i>	Rad u timovima uz UNIBL mentorstvo <i>Teamwork mentored by UNIBL</i>
12:00-12:30	Pauza / Coffee break	
12:30-14:00	Diskusija sa nastavnicima <i>Discussion with teachers</i>	Nastavnici, MedSBL, GIMNBL, TSBL, UNIBL <i>Teachers, MedSBL, GIMNBL, TSBL, UNIBL</i>
14:00-14:15	Anketiranje / Surveys	

#### PETI DAN / DAY 5

Petak, 29. mart 2024. godine, Prirodno-matematički fakultet  
(Studijski program hemija, Seminar sala)  
Friday, March 29, 2024, Faculty of Natural Sciences and Mathematics (Chemistry Department,  
Conference room)

#### Sekcija IV – Procjena potreba nastavnika

#### Session IV – Needs assessment of school teachers

10:00-10:45	Obilazak Fakulteta i laboratorija <i>Faculty and Labs visit</i>	
10:45-11:15	Zaključci konferencije / <i>Closing remarks</i>	