



HRVATSKO  
KATOLICKO  
SVEUCILISTE  
ZAGREB  
UNIVERSITAS  
STUDIORUM  
CATHOLICA  
CROATICA  
ZAGREBIA

# Detailed Course Syllabus

**Academic year:**

2024/2025

**Semester:**

Winter semester

**Study programme:**

Psihologija (R) (elective)

**Year of study:**

2

## I. BASIC COURSE INFORMATION

**Name:** Neurokemija ponašanja s osnovama psihofarmakologije

**Abbreviation:** IZBP-36

**ECTS:** 3

**Code:** 116796

**Prerequisites:** No

*Total Course Workload*

**Teaching Mode**

**Total Hours**

Lecture

15

Seminar

15

**Class Time and Place:** HKS - according to the published schedule

## II. TEACHING STAFF

*Course Holder*

**Name and Surname:** Karlović Dalibor

**Academic Degree:**

**Professional Title:** redoviti profesor u trajnom izboru

**Contact E-mail:**

[dalibor.karlovic@unicath.hr](mailto:dalibor.karlovic@unicath.hr)

**Telephone:**

**Office Hours:** According to the published schedule

*Course Assistant*

**Name and Surname:** Vilibić Maja

**Academic Degree:**

**Professional Title:**

**Contact E-mail:**

[maja.vilibic@unicath.hr](mailto:maja.vilibic@unicath.hr)

**Telephone:**

**Office Hours:** According to the published schedule

## III. DETAILED COURSE INFORMATION

**Teaching Language:** Hrvatski

**Course Description**

<i>Textbooks and Materials</i>		
<b>Required</b>		
<b>Supplementary</b>		
<i>Examination and Grading</i>		
<b>To Be Passed DA</b>	<b>Exclusively Continuous Assessment NE</b>	<b>Included in Average Grade DA</b>
<b>Prerequisites to Obtain Signature and Take Final Exam</b>		
<b>Examination Manner</b>		
<b>Grading Manner</b>		
<b>Detailed Overview of Grading within ECTS</b>		
<b>IV. WEEKLY CLASS SCHEDULE</b>		
<i>[Predavanja]</i>		
<b>#</b>	<b>Topic</b>	
1	Uvodno predavanje	
2	Neuroanatomija bitna za neurokemiju	
3	Biokemijsko ustrojstvo živčanog sustava	
4	Kako razgovaraju neuroni-ionski kanali, akcijski potencijal, neurotransmitori, sinapsa, neurotransmitorski receptori i sustav drugih glasnika	
5	Neurotransmitori - Acetilolin i monoamini Neurotransmiteri - Ekscitacijske i inhibicijske aminokiseline	
6	Neurotransmitori - Neuropeptidi i faktori živčanog rasta	
7	Psihofarmakologija - antidepresivi	
8	Psihofarmakologija-stabilizatori raspoloženja	
9	Psihofarmakologija-stabilizatori raspoloženja	
10	Psihofarmakologija-antipsihotici	
11	Psihofarmakologija-antipsihotici	
12	Psihofarmakologija-anksiolitici i hipnotici	
13	psihofarmakologija-sredstva ovisnosti (droge, alkohol i nikotin)	
14	Psihofarmakologija-antidementivi i poremećaj koncentracije i pažnje	
<i>[Seminari]</i>		
<b>#</b>	<b>Topic</b>	
1	Neuroanatomija bitna za neurokemiju	
2	Biokemijsko ustrojstvo živčanog sustava	
3	Kako razgovaraju neuroni-ionski kanali, akcijski potencijal, neurotransmitori, sinapsa, neurotransmitorski receptori i sustav drugih glasnika	