

**LIFELONG LEARNING PROGRAMME**

<b>Programme holder:</b>	Jozo Ćorić, PhD, Associate Professor		
<b>Programme name:</b>	<i>Clinical Enzymology</i>		
<b>Number of ECTS:</b>	3 ECTS		
<b>Language of lectures:</b>	Bosnian		
<b>Prerequisites for enrolment:</b>	Graduated Engineers of Medical laboratory diagnostics, Bachelors of Laboratory technology and specialists of Medical biochemistry		
<b>Programme goal(s):</b>	<ol style="list-style-type: none"> <li>1. Acquire knowledge of physiological enzyme classification.</li> <li>2. Acquire understanding the choice and establishment of organ enzyme profile and serum enzyme profile.</li> <li>3. Acquire knowledge of enzyme profile importance for illness diagnostics of certain organs.</li> <li>4. Acquire knowledge of principles and methods of enzyme analysis and practical application.</li> </ol>		
<b>Expected learning outcomes:</b>	Participants will acquire certain knowledge, skills and competences, according to the modules		
	<b>Modules</b>	<b>Knowledge</b>	<b>Skills</b>
	M1	Acquire knowledge in medical evaluation of enzyme tests and methods	Creating reference values. Recognise combinations of laboratory findings typical for certain diseases
	M2	Knowledge in methodical evaluation of analytical methods in area of enzyme analysis	Determining the preciseness and accuracy of a method. Knowledge in statistical comparison of methods
	M3	Knowledge in principles	Creating inner quality control and external quality evaluation  Creating optimal

		and technical performance of the laboratory methods in area of enzyme analysis	measurements of analytical specificity and sensitivity as well as interferences by enzyme methods	conditions for determining enzyme activity	
<b>Programme content:</b>	Three modules: M1 – Medical evaluation of enzyme tests M2 – Methodical evaluation of analytical methods in area of enzyme analysis M3 – Principles and technological performance of laboratory methods in area of enzyme analysis				
<b>Total number of contact lessons:</b>	75 lessons				
<b>The way of testing:</b>	Testing of participant accomplishments in learning results in LLL programmes: <ul style="list-style-type: none"> <li>- Case Study– 40 %</li> <li>- Presentation – 30 %</li> <li>- Group work/Individual accomplishment – 30 %</li> </ul>				
<b>Is there educational material for participants?</b>	<ul style="list-style-type: none"> <li>- Handouts</li> <li>- Literature for Case Study</li> <li>- Providing a Manual of the same name is planned</li> </ul>				
<b>Is there an evaluation of the programme? If YES, state the way of evaluation.</b>	There is an evaluation of lecturers and associates: intelligibility, explanations, enthusiasm, quality of questions/problems, examples and illustrations used by the lecturer, contribution of the lecturer to the educational programme efficiency of the lecturer/associate, order of the different concepts in the presentation, usage of time, presentation of intellectual challenges.				
<b>Lecturers:</b>	Jozo Ćorić, PhD, Associate Professor Nafija Serdarević, PhD, Associate Professor Naris Pojskić, PhD, Full Professor				
<b>Participants:</b>	Apart from teachers, participants will be Senior Assistants of the Physical Therapy Study from the Faculty of Health Studies.				
<b>Place:</b>	Faculty of Health Studies at the University of Sarajevo Bolnička 25, 71000 Sarajevo				
<b>Contact:</b>	Phone: + 387 33 569 800 Fax: + 387 33 569 825 Web: <a href="http://www.fzs.unsa.ba">http://www.fzs.unsa.ba</a> e-mail: <a href="mailto:dekan@fzs.unsa.ba">dekan@fzs.unsa.ba</a>				
<b>Notes:</b>	Certificate Supplement with detailed information is also issued for purpose of improvement of transparency and professional acknowledgement of the qualifications.				

### LIFELONG LEARNING PROGRAMME AT THE UNIVERSITY OF SARAJEVO