

## Professional Bachelor higher education programme "Physiotherapy" (42722) full time studies

Study year	No.	Study course	1st semester		2nd semester		
			CP	ECTS	CP	ECTS	
1.	1.	Introduction into specialty. Basics of health care and organization	1,0	1,5			
	2.	History of medicine	0,5	0,75			
	3.	Anatomy	3,0	4,5			
	4.	Normal physiology	2,0	3,0			
	5.	Age specific physiology	1,0	1,5			
	6.	Medical terminology	1,0	1,5			
	7.	Basics of biochemistry	1,0	1,5			
	8.	Biology, microbiology, virology and parasitology	1,0	1,5			
	9.	Basics of philosophy and ethics	2,0	3,0			
	10.	Informatics	1,5	2,25			
	11.	Basics of Law	1,0	1,5			
	12.	Public health, hygiene	1,5	2,25			
	13.	Project management	1,0	1,5			
	14.	Adult education	1,0	1,5			
	15.	Basics of pharmacology	1,0	1,5			
	16.	Accountancy	1,0	1,5			
	17.	Training theory and methodology of acyclic sport (gymnastics 14 h, heavy athletics 10 h, sport games 10 h)	1,0	1,5			
		<b>Free selection courses:</b>					
	18.	Basics of Russian language in physiotherapy	1,0	1,5			
	19.	Self-defense	1,0	1,5			
	20.	Dynamic anatomy			3,0	4,5	
	21.	Basics of physiotherapy - 1			2,0	3,0	
	22.	Basics of business and management			1,5	2,25	
	23.	Biomechanics			2,0	3,0	
	24.	Ergonomics			1,0	1,5	
	25.	Internal diseases			2,0	3,0	
	26.	Terminology in foreign language			1,5	2,25	
	27.	Pathological physiology			2,0	3,0	
	28.	Propedeutics of internal diseases			1,0	1,5	
	29.	Training theory and methodology of cyclic kinds of sport			1,0	1,5	
	30.	Course paper I			1,0	1,5	
	<b>Free selection courses:</b>						
31.	Basics of Nordic walking			1,0	1,5		
32.	Sport physiology			1,0	1,5		
Study year	No.	Study course	3rd semester		4th semester		
			CP	ECTS	CP	ECTS	
	1.	Sport biochemistry	1,0	1,5			
	2.	Kineziology	1,5	2,25			
	3.	Sport medicine	3,0	4,5			
	4.	First aid	2,0	3,0			
	5.	Pediatrics	1,0	1,5			
	6.	General and communication psychology	2,0	3,0			

2.	7.	Basics of rehabilitation	2,5	3,75			
	8.	Remedial gymnastics	2,0	3,0			
	9.	Environmental studies: civil protection and ecology	1,0	1,5			
	10.	Basics of physiotherapy - 2	2,5	3,75			
		<b>Izvēles kurss:</b>					
	11.	<i>Basics of pilates</i>	1,0	1,5			
	12.	<i>Nutritional education. Nutrition at physical exercise</i>	1,0	1,5			
	13.	Metrology and medical statistic			1,0	1,5	
	14.	Sport training theory and methodology			2,0	3,0	
	15.	Basics of movement therapy			1,0	1,5	
	16.	Traumatology			2,0	3,0	
	17.	Functional ability limitation assessment and classification			1,0	1,5	
	18.	Orthopaedy			2,0	3,0	
	19.	Basics of sport psychology			1,0	1,5	
	20.	Motor development, motor control			2,0	3,0	
	21.	Neurology			2,0	3,0	
	22.	Course paper II			1,0	1,5	
	23.	Research methodology			2,0	3,0	
	24.	General pedagogy			1,0	1,5	
		<b>Free selection courses:</b>					
	25.	<i>Aromatherapy</i>			1,0	1,5	
	26.	<i>Application of TRX system in physiotherapy</i>			1,0	1,5	
	<b>Study year</b>						
	3.	<b>No.</b>	<b>Study course</b>	<b>5th semester</b>		<b>6th semester</b>	
				<b>CP</b>	<b>ECTS</b>	<b>CP</b>	<b>ECTS</b>
1.		Massage, soft tissue techniques	2,5	3,75			
2.		Patient oriented purposeful planning of physiotherapy	1,0	1,5			
3.		Physiotherapy in neurology	8,0	12,0			
4.		Documentation	0,5	0,75			
5.		Physiotherapy in sport	2,0	3,0			
6.		Course paper III	1,0	1,5			
7.		Professional ethics. Legal acts and normative documents in medicine	1,0	1,5			
8.		Basics of clinical care	1,0	1,5			
9.		Basics of logopedics	1,0	1,5			
		<b>Free selection courses:</b>					
10.		<i>Hydrotherapy</i>	1,0	1,5			
11.		<i>Research theoretical and practical aspects</i>	1,0	1,5			
12.	<i>Physiotherapy in athlete rehabilitation</i>			1,0	1,5		
13.	Physiotherapy in case of internal diseases, rheumatology, gerontology			3,0	4,5		
14.	Physiotherapy in gynaecology and obstetrics. Women health care			1,0	1,5		
15.	Physiotherapy in paediatrics			2,0	3,0		

	16.	Physiotherapy in traumatology and orthopaedy – basics of orthotics, prosthetics			2,0	3,0
	17.	Physiotherapy in addaptive sport			1,0	1,5
	18.	Diagnostic imaging			1,0	1,5
	19.	Physiotherapy in psychiatry and narcology			1,0	1,5
	20.	Infectious diseases			1,0	1,5
	21.	General surgery			1,0	1,5
	22.	Physical fitness in physiotherapy			1,0	1,5
	23.	General physical medicine			1,0	1,5
	24.	Basics of manual therapy			2,0	3,0
	25.	Bachelor paper I			2,0	3,0
		<b>Free selection courses:</b>				
	26.	Dermatovenereology			1,0	1,5
	27.	Sauna therapy			1,0	1,5
<b>Study year</b>	<b>No.</b>	<b>Study course</b>	<b>7th semester</b>		<b>8th semester</b>	
			<b>CP</b>	<b>ECTS</b>	<b>CP</b>	<b>ECTS</b>
<b>4.</b>	1.	APA in physical rehabilitation	2,0	3,0		
	2.	Special physical medicine	2,0	3,0		
	3.	Bachelor paper II	6,0	9,0		
	4.	Professional qualification practice	26,0		39,0	
	5.	Bachelor paper			2,0	3,0
	6.	Integrated state examination			1,0	1,5
	7.	Practical state examination			1,0	1,5