

Chart 5.1 A The schedule of subjects according to semesters and years of studies for the second level study program Master academic study – Master of Physical activity, health and exercise therapy

c	Title of module	s	Title of module	Type of module	Hours of active teaching (under supervision)				Other hours	ECTS
					1	2	Study research work	Other forms of teaching		
The First year										
1	Scientific research methods in the field of sports science and basic principles of ethics	1	O		2	2			5	
2	Biostatistics in the field of prevention, exercise therapy and sports science	1	O		2	2			5	
3	Public health aspects of physical activity and exercise	1	O		1	1			3	
4	The psychological aspects of exercise	1	O		1	1			2	
5	Exercise physiology with the basics of nutrition	1	O		1	1			3	
6	Motor control and motor learning with the basics of biomechanics	1	O		1	1			2	
7	Components of physical fitness, individualized exercise prescription	1	O		2	2			5	
Students choose for 1 of 4										
8	Chronic non-communicable diseases, prevention and exercise therapy	1	E		2	2			5	
9	The influence of physical activity and exercise on growth and development in children	1	E		2	2			5	
10	Burn-out syndrome and physical activity	1	E		2	2			5	
11	Physical activity and exercise in persons with disabilities	1	E		2	2			5	
Students choose for 2 of 18										
12	Exercise prescription for children and adolescents	2	E		4	4			5	
13	Exercise prescription for women	2	E		4	4			5	
14	exercise prescription for the elderly	2	E		4	4			5	
15	Exercise prescription for overweight and obese	2	E		4	4			5	
16	Exercise prescription for patients with type 2 diabetes and pre-	2	E		4	4			5	

		diabetes								
17		Exercise prescription in patients with cardiovascular disease	2	E		4	4			5
18		Exercise prescription in patients with respiratory disease	2	E		4	4			5
19		Exercise prescription in depression and other mental disorders	2	E		4	4			5
20		Exercise prescription in cancer	2	E		4	4			5
21		New technologies in the modulation of motor skills and motor learning	2	E		4	4			5
22		Assessment of functional abilities in persons with disabilities	2	E		4	4			5
23		Environmental effect on physical activity and exercise	2	E		4	4			5
24		Exercise, sport nutrition and supplementation	2	E		4	4			5
25		Training modalities in elite athletes	2	E		4	4			5
26		Psychological preparation in elite athletes	2	E		4	4			5
27		Reparative and regenerative medicine in sports and exercise	2	E		4	4			5
28		New technologies in the methodology and organization of physical and health education in primary and secondary school	2	E		4	4			5
29		Physical activity in different state of emergency	2	E		4	4			5
Total number of hours under supervision during the year of study =										
Total number of hours under supervision in all years of study =										
30		Thesis – graduation dissertation								20
Total ECTS										60