

# **TOPIC 2 - STUDY PROGRAMMES**

Higher education institution: Faculty of Kinesiology (34)

Generated: 26.04.2020.

## TABLE WITHIN THE TOPIC 2 - STUDY PROGRAMMES

**Table 2.1. Learning outcomes at the level of the study programme for the evaluated academic year**

Sport Coach Education (702), professional undergraduate study programme, Zagreb

Learning outcomes* of study programme	PS 1	PS 2	PS 3	PS 4	PS 5	PS 6	PS 7	PS 8	PS 9	PS 10	PS 11	PS 12	PS 13	PS 14
Courses														
Theory and Methodology of Training (3020)	+	+	+	+	+	+	+	+	+		+	+	+	+
Management in Sport (3013)				+				+			+	+	+	+
Medicine of Sport (2987)			+		+		+		+		+	+	+	+
Diagnostics of Physical Condition fitness (3214)	+		+	+	+	+	+		+				+	
Psychology of Sport (2993)				+		+	+				+	+	+	+
Pedagogy (3011)				+			+				+	+	+	+
Kinesiological Activities for Persons with Disabilities (2991)	+		+	+	+		+		+		+	+	+	+
Methodology of Physical Conditioning IV (3216)	+		+	+	+	+	+		+				+	
Physiology of Sport and Exercise (3024)			+		+		+		+		+	+	+	+
Sociology of Sport (3006)				+		+	+				+	+	+	+
Biomechanics of Sport (2989)					+	+			+		+	+	+	+
Basics of Statistics and Kinesimetry (3004)						+			+		+	+	+	+
Fundamentals of Kinesiology (3001)	+							+			+	+	+	+
Anthropological Analysis in Football (3267)	+		+	+		+	+		+		+			
Functional Anatomy (2994)			+		+		+		+		+	+	+	+
Methods of Teaching and Training in Football III (3394)	+		+	+	+	+	+		+		+			
Training Programming in Tennis (3291)	+		+	+	+	+	+		+		+			
Methods of Teaching and Training in Football I (3048)	+		+	+	+	+	+		+		+			
Fitness Training Programming II (3142)	+		+	+	+	+	+		+					+
Fitness Measurement and Assessment (3381)	+		+	+	+	+	+		+					+
Basic Kinesiological Transformations (2996)	+				+		+		+		+	+	+	+
Methodology of Physical Recreation in Tourism I (3185)	+		+	+	+	+	+		+			+		
Physical Recreation I (3203)	+		+	+	+			+	+			+		

<b>Learning outcomes* of study programme</b>	<b>PS 1</b>	<b>PS 2</b>	<b>PS 3</b>	<b>PS 4</b>	<b>PS 5</b>	<b>PS 6</b>	<b>PS 7</b>	<b>PS 8</b>	<b>PS 9</b>	<b>PS 10</b>	<b>PS 11</b>	<b>PS 12</b>	<b>PS 13</b>	<b>PS 14</b>
<b>Courses</b>														
Methods of Teaching and Training in Handball I (3174)	+		+	+	+	+	+		+		+			
Training Methodology in Fitness II (3265)	+		+	+	+	+	+		+					+
Economics of Physical Recreation (3244)				+					+			+		
Training Programming in Basketball (3194)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Physical Recreation III (3243)	+		+	+	+	+	+		+			+		
Sport Coaching Internship in Physical Conditioning of Athletes III (3162)	+		+	+	+	+	+		+				+	
Sport Coaching Internship in Physical Conditioning of Athletes II (3034)	+		+	+	+	+	+		+				+	
Sport Coaching Internship in Fitness II (3324)	+		+	+	+	+	+		+		+			
Methods of Teaching and Training in Football II (3382)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Tennis III (3295)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Physical Recreation II (3147)	+		+	+	+	+	+		+		+			
Methods of Teaching and Training in Track and Field II (3353)	+		+	+	+	+	+		+		+			
Planning and Programming of Physical Conditioning II (3375)	+		+	+	+	+	+		+				+	
Methods of Teaching and Training in Equestrian Sport III (3352)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Physical Conditioning of Athletes I (3026)	+		+	+	+	+	+		+				+	
Methodology of Physical Recreation in Leisure II (2995)	+		+	+	+	+			+			+		
Methodology of Physical Conditioning I (3309)	+		+	+	+	+	+		+				+	
Sport Coaching Internship in Football III (3129)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Basketball III (3345)	+		+	+	+	+	+		+		+			
Kinesitherapy (3177)	+		+	+	+	+	+	+	+			+		+
Group Fitness Programs II (3277)	+		+	+	+	+	+		+					+
Training Effects Control in Tennis (3015)	+		+	+	+	+	+		+					
Fitness Training Programming I (3285)	+		+	+	+	+	+		+					+

<b>Learning outcomes* of study programme</b>	<b>PS 1</b>	<b>PS 2</b>	<b>PS 3</b>	<b>PS 4</b>	<b>PS 5</b>	<b>PS 6</b>	<b>PS 7</b>	<b>PS 8</b>	<b>PS 9</b>	<b>PS 10</b>	<b>PS 11</b>	<b>PS 12</b>	<b>PS 13</b>	<b>PS 14</b>
<b>Courses</b>														
Physical Conditioning of Children and the Young (3091)	+		+	+	+	+	+		+				+	
Planning and Programming of Physical Conditioning I (3306)	+		+	+	+	+	+		+				+	
History, Rules, Regulations and Organization of Football (3095)		+						+						
Sport Coaching Internship in Football II (3150)	+		+	+	+	+	+		+		+			
Kinesiological Analysis of Handball (3383)	+				+				+		+			
Physical Recreation II (3198)	+		+	+	+	+		+	+			+		
History, Rules, Regulations and Organization of Track and Field (3117)		+						+						
Sport Coaching Internship in Fitness I (3039)	+													+
History of Sport (3010)		+						+			+	+	+	+
History, Rules, Regulations and Organization of Handball (3170)		+						+						
Foreign Language - English (3435)										+	+	+	+	+
Group Fitness Programs I (3181)	+		+	+	+	+	+		+					+
Anthropological Analysis in Handball (3008)	+		+	+		+	+		+		+			
Methods of Teaching and Training in Equestrian Sport II (3270)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Fitness III (3134)	+		+	+	+	+	+		+		+			
Sport Coaching Internship in Handball I (3262)	+										+			
Sport Coaching Internship in Football I (3254)	+										+			
Medicine of Physical Recreation (3275)	+		+	+	+	+			+			+		
Analysis of Physical Conditioning of Athletes I (3130)	+		+	+	+	+	+	+	+				+	
Methodology of Physical Recreation in Leisure I (3368)	+		+	+	+	+			+			+		
Training Programming in Football (3053)	+		+	+	+	+	+		+		+			
Group Fitness Programs IV (3325)	+		+	+	+	+	+		+					+
Training Effects Control in Basketball (3232)	+		+	+	+	+	+		+		+			
Kinesiological Analysis of Track and Field (3219)	+				+				+		+			
Sport Coaching Internship in Equestrian Sport II (3283)	+		+	+	+	+	+		+		+			

<b>Learning outcomes* of study programme</b>	<b>PS 1</b>	<b>PS 2</b>	<b>PS 3</b>	<b>PS 4</b>	<b>PS 5</b>	<b>PS 6</b>	<b>PS 7</b>	<b>PS 8</b>	<b>PS 9</b>	<b>PS 10</b>	<b>PS 11</b>	<b>PS 12</b>	<b>PS 13</b>	<b>PS 14</b>
<b>Courses</b>														
Kinesiological Analysis of Football (3361)	+				+				+		+			
Training Methodology in Fitness I (3350)	+		+	+	+	+	+		+					+
Sport Coaching Internship in Track and Field I (3120)	+										+			
Methodology of Physical Conditioning II (3135)	+		+	+	+	+	+		+				+	
Training Methodology in Fitness III (3101)	+		+	+	+	+	+		+					+
Training Methodology in Fitness IV (3308)	+		+	+	+	+	+		+					+
Methodology of Physical Conditioning III (3362)	+		+	+	+	+	+		+				+	
Anthropological Analysis in Track and Field (3056)	+		+	+		+	+		+		+			
Training Effects Control in Football (3376)	+		+	+	+	+	+		+		+			
Analysis of Physical Conditioning of Athletes II (3319)	+		+	+	+	+	+		+				+	
Sport Coaching Internship in Physical Recreation I (3058)	+											+		
Health-related Aspects of Training and Nutrition in Fitness (3312)	+		+	+	+	+	+		+					+
Physical Recreation Programs in Stress Prevention (3226)	+		+	+	+	+	+	+	+			+		+
Group Fitness Programs III (3184)	+		+	+	+	+	+		+					+
Methodology of Physical Recreation in Tourism II (3317)	+		+	+	+	+	+		+			+		
<b>Total number of courses per LO</b>	<b>71</b>	<b>5</b>	<b>64</b>	<b>66</b>	<b>66</b>	<b>63</b>	<b>63</b>	<b>12</b>	<b>71</b>	<b>1</b>	<b>44</b>	<b>27</b>	<b>28</b>	<b>30</b>

**Table 2.1.a Learning outcomes - explanation**

Sport Coach Education (702), professional undergraduate study programme, Zagreb

<b>LO label</b>	<b>Learning outcomes description</b>
PS 1	Understanding the general principles of managing the exercise process
PS 2	Specialist knowledge in the historical factors of sports development
PS 3	Basic knowledge from biomedical disciplines on the anthropological characteristics of sports participants (competitive sports, physical conditioning of athletes), sports recreation and fitness
PS 4	Basic knowledge of social-humanistic research and teaching disciplines about psychological-pedagogical-sociological factors in the process of physical exercise and teaching
PS 5	Understanding and application of basic statistical and kinesiometric procedures for measuring basic and specific abilities and traits of participants involved in various physical training and sports programmes
PS 6	Describing and differentiating basic statistical and kinesiometric procedures, and selecting adequate methods for calculating and interpreting the condition, abilities, characteristics of subjects and the impact of the programmed exercise process
PS 7	Awareness of the dangers and consequences of placing excessive load in the process of exercise and sports in children
PS 8	Specialist knowledge of organization and management in applied fields of the profession
PS 9	Application of theoretical and methodological knowledge in the function of developing and implementing a plan and programme of transformation processes in the field of sports and physical recreation
PS 10	Knowledge and use of a foreign language in a function of successful professional work
PS 11	Planning, programming, execution and control of training work in the chosen sport with individuals of different sex, different age (from children to adults) and different capacities (from beginner to top athletes)
PS 12	Planning, programming, execution and control of various sports and recreational exercise programs with predominantly adult individuals
PS 13	Implementation of various physical conditioning programmes based on planning, programming, execution and control of the physical conditioning process with athletes and other users of different ages, sexes and capacities
PS 14	Implementation of various exercise programmes based on planning, programming, execution and control of the fitness training process with different populations of users, especially people with health problems

**Table 2.1. Learning outcomes at the level of the study programme for the evaluated academic year**

Sport Coach Education (703), specialist graduate professional study programme, Zagreb

<b>Learning outcomes* of study programme</b>	<b>SD 1</b>	<b>SD 2</b>	<b>SD 3</b>	<b>SD 4</b>	<b>SD 5</b>	<b>SD 6</b>	<b>SD 7</b>	<b>SD 8</b>	<b>SD 9</b>	<b>SD 10</b>	<b>SD 11</b>	<b>SD 12</b>	<b>SD13</b>	<b>SD14</b>	<b>SD15</b>	<b>SD16</b>	<b>SD17</b>
<b>Courses</b>																	
Kinesiology of Sport (2353)	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+
Sports Diagnostics (2361)	+				+	+	+			+		+	+	+	+		
Management of Sports Organizations (2341)		+	+	+				+	+							+	+
Sport Coaching Internship in Physical Conditioning of Athletes III (2549)	+		+	+	+	+	+			+	+	+		+		+	
Health and Prevention Programs in Tourism (2469)	+			+	+	+	+			+	+		+		+		
Sport Coaching Internship in Shooting III (2430)	+		+	+	+	+	+		+	+	+	+				+	
Physical Recreation - Sport for All in the World and in Croatia (2622)	+	+	+	+	+			+	+		+		+			+	+
Methodology and Programming of Physical Conditioning for Special Populations (2472)	+			+	+		+				+	+		+			
Management in Physical Recreation (2632)		+	+	+				+	+							+	+
Preventive and Rehabilitation Conditioning Programs (2444)	+			+	+	+	+			+	+	+		+			
Sport Coaching Internship in Physical Recreation III (2532)	+		+	+	+	+	+			+	+		+		+		
Kinesiological Recreation (2352)		+	+	+	+	+	+	+	+		+		+			+	+
Modelling Physical Recreational Outdoors Activities (2578)	+			+	+		+				+		+				
Sport Coaching Internship in Physical Recreation IV (2391)	+		+	+	+	+	+			+	+		+		+		
Sport Coaching Internship in Physical Conditioning of Athletes IV (2397)	+		+	+	+	+	+			+	+	+		+		+	
<b>Total number of courses per LO</b>	12	5	10	14	13	10	12	5	6	9	12	7	8	6	4	8	5

**Table 2.1.a Learning outcomes - explanation**

Sport Coach Education (703), specialist graduate professional study programme, Zagreb

<b>LO label</b>	<b>Learning outcomes description</b>
SD 1	Understanding and analysis of the biological principles of growth and development of children and young people, as well as the genetic basis of talent recognition in sports
SD 2	Knowledge of governmental and non-governmental organization and functioning of sports and sports recreation at the local, regional and national level
SD 3	Knowledge required for strategic planning of sports development and sports recreation at the local, regional and national level
SD 4	Communication skills for successful management in sports organizations and steering of transformation processes in particular fields of applied kinesiology
SD 5	High-level knowledge in the field of structural, biomechanical and functional analysis of kinesiological activities representing the content of the training process in all fields of application
SD 6	Knowledge and skills for selection and implementation of diagnostic procedures in order to determine the state of preparedness of participants in the processes of sports training, physical conditioning training, fitness training and fitness programmes
SD 7	Application of acquired theoretical and methodological knowledge necessary for planning, programming and control of transformation processes in sports, physical recreation, physical conditioning of athletes and fitness
SD 8	Performing organization and management tasks in administrations and sports and recreational activities communities at the local, regional and national level
SD 9	Preparation of strategic documents for development of sports and sports recreation
SD 10	Selection and implementation of diagnostic procedures and understanding and application of these results in the planning, programming and control of transformation processes in sports, physical recreation, physical conditioning of athletes and fitness
SD 11	Designing new methodological procedures in a particular branch of sports, physical conditioning of athletes, physical recreation and fitness
SD 12	Design, implementation and control of the training process in the chosen sport with individuals of different sex, age and capacities
SD13	Designing, implementing and controlling programmes for sports and recreational activities with predominantly adult individuals
SD14	Designing, implementing and controlling physical conditioning programmes in various sports with athletes of different ages, sexes and capacities, as well as other users of the physical conditioning programmes
SD15	Designing the implementation and control of different exercise programs within fitness training with different populations of users, especially people with health problems
SD16	Specialized knowledge of rational use and management of the resources (personnel, facilities, financial resources...) necessary to successfully carry out the processes of: sports preparation, physical recreation, physical conditioning, fitness programmes
SD17	Management, control and supervision of professional work in governmental and non-governmental bodies of state administration

**Table 2.1. Learning outcomes at the level of the study programme for the evaluated academic year**

Kinesiology (706), integrated undergraduate and graduate university study programme, Zagreb

<b>Learning outcomes* of study programme</b>	<b>IK1</b>	<b>IK 2</b>	<b>IK 3</b>	<b>IK 4</b>	<b>IK 5</b>	<b>IK 6</b>	<b>IK 7</b>	<b>IK 8</b>	<b>IK 9</b>	<b>IK 10</b>	<b>IK 11</b>	<b>IK 12</b>	<b>IK 13</b>	<b>IK 14</b>	<b>IK 15</b>	<b>IK 16</b>
<b>Courses</b>																
Basic Kinesiological Transformations II (2833)	+	+	+		+	+				+	+	+				
Kinesiological Teaching Methods in Secondary School (2834)	+	+				+				+	+	+				
Wrestling (2829)	+	+				+				+	+	+	+			
Training Programming in Skiing (2708)	+	+	+						+				+	+		
Kinesiological Analysis of Wrestling (2721)	+	+								+			+			
Volleyball (2709)	+	+				+				+	+	+	+			
Skiing (2875)	+	+				+				+	+	+	+			
Judo (2852)	+	+				+				+	+	+	+			
Kinesiological Analysis of Skiing (2854)	+	+								+			+			
Training Programming in Tennis (2792)	+	+	+						+				+	+		
Psychology of Sport and Physical Exercise (2887)		+	+	+				+				+				
Management in Sports Organizations (2722)				+												+
Biological Kinanthropology (2753)	+	+	+		+			+	+							
Sports Swimming (2837)	+	+				+				+	+	+	+			
Dancing (2801)	+	+				+				+	+	+	+			
Training Effects Control (2813)	+	+	+										+	+		
Training Effects Control in Volleyball (2851)	+	+	+										+	+		
Methodology of Kinesiological Recreation in Leisure II (2763)	+	+				+				+		+				
Entrepreneurship in Sport (2734)	+	+	+						+				+	+		
Training Methodology in Football II (2707)	+	+				+				+		+				
Economics and Management of Sport (2748)				+												+
Artistic Gymnastics II (2865)	+	+				+				+	+	+	+			
Physiology of Sport and Exercise (2783)	+	+	+		+											
Kinesitherapy (2839)	+	+	+		+	+	+	+			+				+	
Track and Field - Walking and Running (2769)	+	+	+			+				+	+	+	+			
Biomechanics (2717)	+	+	+					+								
Methodology and Programming of Kinesitherapeutical Procedures I (2812)	+	+	+			+	+		+	+					+	

<b>Learning outcomes* of study programme</b>	IK1	IK 2	IK 3	IK 4	IK 5	IK 6	IK 7	IK 8	IK 9	IK 10	IK 11	IK 12	IK 13	IK 14	IK 15	IK 16
<b>Courses</b>																
Group Fitness Programs I (2727)	+	+				+				+		+				
Pedagogy (2742)		+		+							+					
Health Psychology - Selected Topics (2749)		+														
Kinesiological Sociology (2770)				+												
Training Effects Control in Sailing (2765)	+	+	+										+	+		
Marketing management in Sport (2735)				+												+
Theory of Training (2784)	+	+	+				+		+				+	+		
Internal Medicine - Selected Topics (2809)						+		+								
Functional Anatomy (2740)	+	+			+											
Training Methodology in Fitness II (2713)	+	+				+				+		+				
Life in the Nature and Survival Skills (2738)						+					+	+				
Artistic Gymnastics I (2781)	+	+				+				+	+	+	+			
Communication in Sport Management (2880)				+												+
Methodology and Programming of Kinesitherapeutical Procedures III (2767)	+	+	+			+	+			+					+	
Kinesiological Teaching Methods Higher Education (2737)	+	+				+				+	+	+				
Kinesiological Analysis of Tennis (2772)	+	+								+			+			
Kinesiological Analysis of Sailing (2832)	+	+								+			+			
Kinesiological Recreation (2843)	+	+								+	+					
Medicine of Sport and Hygiene (2741)	+	+			+											
Training Programming in Football (2777)	+	+	+						+				+	+		
Training Methodology in Swimming II (2731)	+	+				+				+		+				
Physical Conditioning Programming (2817)	+	+	+						+				+	+		
Methodology of Kinesiological Recreation in Tourism (2803)	+	+				+				+		+				
Basic Kinesiological Transformations I (2714)	+	+	+			+				+	+	+				
Physical Medicine and Rehabilitation - Selected Topics (2733)	+	+			+	+	+			+					+	
Kinesiological Teaching Methods in Preschool (2710)	+	+				+				+	+	+				
Handball (2754)	+	+				+				+	+	+	+			
Training Effects Control in Swimming (2823)	+	+	+										+	+		
Anthropological Analysis in Physical Conditioning of Athlete (2791)	+	+											+			
Training Methodology in Skiing II (2821)	+	+				+				+		+				
Motor Control (2810)	+	+	+		+	+	+	+								

Learning outcomes* of study programme	IK1	IK 2	IK 3	IK 4	IK 5	IK 6	IK 7	IK 8	IK 9	IK 10	IK 11	IK 12	IK 13	IK 14	IK 15	IK 16
Courses																
Anthropological Analysis in Sailing (2874)	+	+											+			
English in Kinesiology (2924)				+												+
Methodology of Kinesiological Recreation in Leisure I (2725)	+	+				+				+		+				
Rhythmic Gymnastics (2718)	+	+				+				+	+	+	+			
Training Methodology in Fitness I (2771)	+	+				+				+		+				
Elements of Psychology (2815)		+	+	+												
Training Effects Control in Skiing (2883)	+	+	+										+	+		
Training Programming in Volleyball (2762)	+	+	+						+				+	+		
Methodology of Physical Conditioning II (2838)	+	+				+				+		+				
Kinesiological Teaching Methods in Elementary School (2827)	+	+				+				+	+	+				
General Kinesiological Teaching Methodology (2752)	+	+	+								+	+				
Football (2841)	+	+				+				+	+	+	+			
Adapted Physical Activities (2776)	+	+			+	+	+			+					+	
Methodology of Kinesiological Research (2863)			+					+	+							
Health-related Aspects of Training and Nutrition in Fitness (2819)	+	+													+	
Training Programming in Sailing (2871)	+	+	+						+				+	+		
History of Sport (2744)		+		+												
Track and Field - Throws and Jumps (2706)	+	+	+			+				+	+	+	+			
Teaching Methodology of Swimming (2755)	+	+				+				+	+	+				
Water Sports (2806)	+	+				+				+	+	+	+			
Fitness Training Programming (2862)	+	+	+						+				+	+		
Management of Sport in Tourism (2820)																+
Training Methodology in Sailing I (2888)	+	+				+				+		+				
Fitness Measurement and Assessment (2736)	+	+	+						+					+		
Didactics (2881)				+							+					
Methodology of Physical Conditioning I (2816)	+	+				+				+		+				
Training Methodology in Volleyball II (2814)	+	+				+				+		+				
Management in Sport and Tourism (2818)				+												+
Training Methodology in Football I (2720)	+	+				+				+		+				
Training Effects Control in Football (2747)	+	+	+										+	+		
Physical Activity and Health (2844)	+	+	+		+		+	+	+		+					
Basketball (2796)	+	+				+				+	+	+	+			

<b>Learning outcomes* of study programme</b>	IK1	IK 2	IK 3	IK 4	IK 5	IK 6	IK 7	IK 8	IK 9	IK 10	IK 11	IK 12	IK 13	IK 14	IK 15	IK 16
<b>Courses</b>																
Neurology - Selected Topics (2775)	+	+			+	+	+			+						
Quantitative Methods (2746)								+	+							
Anthropological Analysis in Skiing (2774)	+	+											+			
Medicine of Physical Recreation (2828)	+	+														
Training Programming in Swimming (2872)	+	+	+						+				+	+		
Racquet Sports (2825)	+	+				+				+	+	+	+			
Basics of Organization and Management (2761)				+												+
Kinesiological Analysis of Football (2797)	+	+								+			+			
Programming in Kinesiological Recreation (2869)	+	+	+						+					+		
Training Effects Control in Tennis (2751)	+	+	+										+	+		
Systematic Kinesiology (2793)			+	+				+	+							
Anthropological Analysis in Football (2786)	+	+											+			
Anthropological Analysis in Tennis (2826)	+	+											+			
Kinesiological Analysis of Physical Conditioning of Athletes (2890)	+	+								+			+			
Training Methodology in Skiing I (2882)	+	+				+				+		+				
Methodology and Programming of Kinesitherapeutical Procedures II (2858)	+	+	+			+	+		+	+					+	
<b>Total number of courses per LO</b>	86	91	37	14	11	48	10	10	19	51	30	41	44	19	7	8

**Table 2.1.a Learning outcomes - explanation**

Kinesiology (706), integrated undergraduate and graduate university study programme, Zagreb

LO label	Learning outcomes description
IK1	Studying the general principles of human movement, managing the exercise process and studying the consequences these processes have on the human organism of pupils, students, athletes and individuals involved in recreational programmes
IK 2	Understanding the anthropometric, functional, motor, cognitive, conative characteristics of the integral biopsychosocial status of subjects involved in the exercise process
IK 3	Understanding and implementing diagnostic procedures in order to measure and evaluate the state of psychosomatic characteristics of the subject, as well as to design and carry out transformation processes to improve them
IK 4	Understanding of social-humanistic (historical, economic, sociological, legal, psychological, pedagogical, didactic, philosophical) factors of organization and activity of particular fields of applied kinesiology
IK 5	Applying the latest knowledge on the functioning of organs and organ systems of the human body in transformation processes using different modalities of physical exercise
IK 6	Applying knowledge of structural and biomechanical characteristics of kinesiological activities in order to analyse the level of different learned motor knowledge
IK 7	Analysis and understanding of theoretical and methodological knowledge required for planning, programming and control of procedures aimed at prevention and kinesitherapy of insufficient conditions of the locomotor system of children and adults
IK 8	Apply knowledge on the construction and validation of measuring instruments to assess the condition, ability, traits, health and motor knowledge of a subject involved in particular physical exercise processes
IK 9	Application of statistical methods for processing data used in all branches of applied kinesiology with the purpose of analysing the programmed process of exercise and conducting scientific research
IK 10	Application of acquired knowledge on conventional sports activities and unconventional kinesiological activities in the design and implementation of transformation processes in particular fields of applied kinesiology
IK 11	Application of general and specific methodological knowledge in the design and implementation of physical and health education at all levels of the educational system (in primary, secondary school and higher education)
IK 12	Implementing the process of exercise in universal sports schools, in extracurricular school sports activities within school sports clubs in elementary and secondary schools, within extracurricular sports activities at high education
IK 13	Analysing the characteristics of sports activity, determining the success factors and planning, programming and control of the training processes in the chosen sport
IK 14	Analysing the contents of loads and methods, as well as planning, programming and controlling the effects achieved through the use of conditioning, fitness programmes
IK 15	Planning, programming and control of kinesitherapy procedures with the aim of implementing preventive and rehabilitative kinesitherapy procedures
IK 16	Carrying out organizational and management tasks in various sports organizations