



LITHUANIAN SPORTS UNIVERSITY

STUDY MODULE PROGRAMME (SMP)

Module Code	S	273	M	091	Accredited until	2023	06	01	Renewal date		
	Branch of Science		Progr.	Registr. №.							

Entitlement

Technologies of Disabled Sport

Prerequisites

Knowledge of sport and adapted physical activity

Course (module) Learning Outcomes

№.	Learning Outcomes	Teaching / Learning Methods	Assessment Methods
1		Discussion, Formal lecture, Literature analysis, Seminar	Examination, Seminar, Test
2	Be able to classify the disabled according to the possibilities of movement functions and the specifics of sports.	Formal lecture, Seminar	Examination, Seminar, Test
3	To be able to select appropriate physical activities for disabled athletes, to plan and organize the preparation process for staged and main sports competitions for the disabled.	Discussion, Formal lecture, Individual project, Seminar	Examination, Individual project, Seminar, Test
4	To be able to apply compensatory technical means, sports devices and tools individually according to the needs and possibilities of the disabled person and the chosen sport.	Discussion, Formal lecture, Seminar	Examination, Seminar, Test

Main aim

To provide students with theoretical and practical knowledge of disabled sport technologies and to gain disabled sport teaching, coaching and organizing skills.

Summary

To provide with knowledge about disabled sports classification systems, special technical aids, disabled coaching methods. Student will get practical knowledge how to organize training and competitions.

Level of module

Level of programme		Subject group (under the regulation of the area)	Subject level
Cycle	Type		
Second	Master	Mokslo sritys pagrindu	Deepening

Group under financial classification

Syllabus

№.	Sections and themes	Responsible lecturer
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Evaluation procedure of knowledge and abilities:

References

№.	Title	Edition in Lithuanian Sports University library		In Lithuanian Sports University bookstore	Number of ex. in the methodical cabinet of the depart.
		Pressmark	Number of exemplars		
1.	Skučas, K., Vozbutas, S. Vežimėlių krepšinio ir neįgaliųjų plaukimo teorija ir metodika. Kaunas, 2008.		20	Yes	10
2.	Skučas, K., Buliuolis, A., Kragrienė, I. Neįgaliųjų lengvosios atletikos ir golbolo teorija ir metodika. Kaunas, 2008		20	Yes	10
3.	Skučas, K., Vozbutas, S. Vežimėlių krepšinio, neįgaliųjų plaukimo, golbolo organizavimo ir treniravimo ypatumai Kaunas, 2017.			No	
4.	Hendrick B., Byrnes D., Shaver L. (1994). Wheelchair Basketball. USA : Paralyzed Veterans of America.		1	No	1
5.	Adomaitienė, R., Augustinaitytė-Jurčikonienė, G., Mikelkevičiūtė, J., Morkūnienė, A., Ostasevičienė, V., Samsonienė, L., Skučas, K. (2003). Taikomoji neįgaliųjų fizinė veikla: vadovėlis/ Kaunas, LKKA.		20	Yes	5
6.	Sherrill, C., Dummer, G. M. (2003). Adapted aquatics. (C. Sherrill, Ed.). Champaign, IL: Human Kinetics.		1	No	1
7.	Skučas, Kęstutis; Čižauskas, Ginas; Lagūnavičienė, Nijolė; Pokvytytė, Vaida. Analysis of 50 m backstroke class S4 disabled swimmers race parameters // Mechanika. Kaunas: Technologija. ISSN 1392-1207. 2016, vol. 22, no. 5, p. 444-448. (ISI Web of Science)			No	
<i>Comment:mokslinis straipsnis prieinamas elektroninėje erdvėje</i>					
8.	Skucas K, Pokvytyte V. Short-term moderate intensive high volume training program provides aerobic endurance benefit in wheelchair basketball players. J Sports Med Phys Fitness 2017;57:338-44. (Web of Science); (cit. rod.: 1,2)			No	
9.	Skucas K, Pokvytyte V. Short-term moderate intensive high volume training program provides aerobic endurance benefit in wheelchair basketball players. J Sports Med Phys Fitness 2017;57:338-44. (Web of Science); (cit. rod.: 1,2).			No	
10.	Tweedy S M, Vanlandewijck Y C. International Paralympic Committee position stand —background and scientific principles of classification in Paralympic sport. Br J Sports Med 2011; 45:259–269. (ISI Web of Science IF: 4,34).			No	
11.	Valent L., Dallmeijer A., Houdijk H., Talsma E., Van der Woude L. The effects of upper body exercise on the physical capacity of people with a spinal cord injury: a systematic review. Clinical Rehabilitation 2007, 21:315–330 (ISI Web of Science IF:2,18).			No	

№.	Title	Edition in Lithuanian Sports University library		In Lithuanian Sports University bookstore	Number of ex. in the methodical cabinet of the depart.
		Pressmark	Number of exemplars		
12.	SONJA DE GROOT, INGE J.M. BALVERS, SANNE M. KOUWENHOVEN, THOMAS W.J. JANSSEN. Validity and reliability of tests determining performance-related components of wheelchair basketball. Journal of Sports Sciences, May 2012; 30(9): 879–887 (ISI Web of Science IF: 2,095).			No	
13.	Abel T., Platen P., Rojas Vega S., Schneider S., Struder H. Energy expenditure in ball games for wheelchair users. Spinal Cord(2008) 46, 785–790 (ISI Web of Science IF:2,0)			No	

Additional literature

№.	Title
1.	Valent L., Dallmeijer A., Houdijk H., Talsma E., Van der Woude L. The effects of upper body exercise on the physical capacity of people with a spinal cord injury: a systematic review. Clinical Rehabilitation 2007, 21:315–330 (ISI Web of Science IF:2,18).
2.	Molik, Bartosz; Laskin, James J.; Kosmol, Andrzej; Skučas, Kęstutis [Skucas, Kestas]; Bida, Urszula. Relationship between functional classification levels and anaerobic performance of wheelchair basketball athletes // Research Quarterly for Exercise and Sport. Reston : American Alliance for Health, Physical Education, Recreation and Dance. 2010, vol. 81, no. 1, p. 69-73. (ISI Web of Science);
3.	Fulton SK, Pyne dB, Hopkins WG, Burkett B. Training characteristics of paralympic swimmers. J Strength cond res 2010;24:471-8.
4.	Oh y-T, Burkett B, Osborough C, Formosa D, Payton C. London 2012 Paralympic swimming: passive drag and the classification system. Br J Sports Med [internet] 2013;47:838-43.
5.	Sherrill C, Dummer GM. Adapted aquatics. Sherrill C, Editor. Champaign, IL: Human Kinetics; 2003
6.	Goosey-Tolfrey VI, Leicht C. Field-based physiological testing of wheelchair athletes. Sport Med 2013;43:77-91.

Coordinating lecturer

Position	Degree, surname, name	Schedule №.
Associate Professor		61

Subdivision

Entitlement	Code
a	2006

Study module teaching form №. 1

Semester	Mode of studies	Structure				Total hours	Credits	
		Theory	Seminars	Lab Works	Ind. work			
A	S	D	8	22	0	230	260	10

Languages of instruction:

Lithuanian	L	English	E	Russian	R	French	F	German	G	Other	Oth
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Plan of in-class hours

№. of Themes	Academic hours			№. of Themes	Academic hours		
	Theory	Seminars	Lab Works		Theory	Seminars	Lab Works
1.	1	1	0	5.	1	3	0
2.	1	3	0	6.	1	3	0
3.	1	3	0	7.	1	3	0
4.	1	3	0	8.	1	3	0

