LITHUANIAN SPORTS UNIVERSITY

STUDY MODULE PROGRAMME (SMP)

м	odule Code	S	273	М	089	Accredited		Renewal dat				
101		Branch	n of Science	Progr.	Registr. №	. until						
	tlement											
		Testing and	d Training of	Physical F	Fitness							
	equisites											
		A	nedicine or pu	blic healt	h							
Cou	rse (module)	Learning (Outcomes			-		-				
Nº.	Teaching / Learning											
1		•	e the effects on nowledge of s	. .	•	Case analysis (Cas Debates, Discussion Practical exercises	on,	Problem- solving tasl				
2	Will be able promotion p		p an individua	al exercise	health	Discussion, Semir Simulation of real (world) situations		Case analysis (study)				
3	effectivenes	s of health evaluate t	nd conduct res n promotion ex he progress o	xercise pro	ograms,	Formal lecture, Or tutorials, Seminar	ne-to-one	Test				
4	essence of n	nodified of	e and criticall r new method uth exercising	s and mod		Formal lecture, Li analysis, Scientific analysis, Seminar		Individual work				
Mai	n aim											
Top	provide know	ledge abou	it the research	-based pro	ocess of exer	cising for health pro	omotion a	nd its				
man	agement, app	lied resear	rch methodolo	ogy, to dev	elop the abil	ity to analyze and c	ritically e	valuate this				
proc	ess.											
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						caused by the use o						
						set on the study of						
						odology of assessme		sical abilities a				
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						notion programs and						
effe		e study pro	ocess develop	s the abilit	y to analyze	and critically evalu						
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№.	Sections and themes	Responsible lecturer
1.2	Modern approach to the assessment and education of young people and middle-aged people. (functional tests are widely used to assess physical characteristics, basic principles of physical exercise).	
1.3	Modern approach to physical fitness testing of older people, assessment of risk to physical activity, principles of physical activity assignment and individualization. (functional tests, health assessment, exercise assignments).	
1.4	Assessment of the physical condition of people with special needs and assignment of exercises.	
2.	Methods and Methodology of Training of Health Related Physical Abilities	
2.1	Methodology and methods of strenth training	
2.2	Methodology and methods of training of cardiovascular endurance.	
2.3	Methodology and methods for flexability training.	
2.4	Methodological bases of coordination and balance training.	
2.5	Methodology of training of agility, speed, jumping and other physical abilities.	
2.6	The problem of individualization and its solutions, the monitoring process.	
2.7	Exercising for health - development of health promotion programs.	
3.	Methodology of Training and Assessment of Health Related Physical Abilities	
3.1	The object of methodology, methodology - the science that svalidate the methods. Methodology of applied research. Research in sports area.	
3.2	Physical abilities as health determinants. The Complexity of body and sports activities.	
3.3	Educational process, Methodological approaches of exercise training of amateur and and professional athletes.	
3.4	The problem of forecasting, planning and process management of athletics training and its solutions.	
3.5	Important Biomedical aspects and modalities in training of physical abilities.	
3.6	Metodological proces in pedagogical research:planing, indicators, evaluation criteria and their application in the process of developing physical abilities.	
3.7	Review, discussion and generalizations of the study course.	

Evaluation procedure of knowledge and abilities:

References

		Editio	on in	In	Number of
NG	TT'41 -	Lithuania		Lithuanian	ex. in the
№.	Title	Universit		1	methodical
		Pressmark	Number of exemplars	University bookstore	cabinet of the depart.
1.	Ann Gibson, Dale Wagner, Vivian Heyward. Advanced Fitness Assessment and Exercise Prescription 8th Edition With Online Video. Internetine prieiga: https://us.humankinetics.com/products/advanced-fitness- assessment-and-exercise-prescription-8th-edition-with- online-video		2	No	
	Comment: Free internet access				
2.	David P. Swain et all. ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription American College of Sports Medicine.	615.825 Ac51	1	Yes	
3.	Global Recommendations on Physical Activity for Health . WHO. Internetinė prieiga: http://www.who.int/topics/physical_activity/en/			Yes	
	Comment: Free online access in five languages				

№.	Title	Editio Lithuania Universit Pressmark		Lithuanian Sports University	methodical
4.	Swain, David P. Exercise prescription : a case study approach to the ACSM guidelines PSOa (Pasaulio sveikatos organizacija) (2020). Physical activity. Prieiga per internetą: https://www.who.int/en/news-room/fact- sheets/detail/physical-activity 34.	615.825 Ac51	1	Yes	
	Comment:Free online access				
5.	PSOb (Pasaulio sveikatos organizacija) (2020). Launch of new global estimates on levels of physical activity in adults. Prieiga per internetą: https://www.who.int/ncds/prevention/physical- activity/lancet-global-health-insufficientphysical-activity- 2001-2016/en/			Yes	
	Comment: Free internet access		_		
6.	Felipe Lobelo et al., (2018) Routine Assessment and Promotion of Physical Activity in Healthcare Settings: A Scientific Statement From the American Heart Association (Review). 1;137(18):e495-e522.	615.827 Ac51	1	Yes	
	Comment: Free online access.				
7.	Martin R., Xavier R., Jonathan C., Charles, C. (2018). Planning and monitoring of sports training: what is it and how to teach it? Review paper. LASE Journal of Sport Science, 9(1) 91-123.		5	Yes	3
	Comment: Review on the methodology and methods of the stu	ıdv module.			
8.	Skurvydas A. (2017). Judesių mokslas: raumenys, valdymas, mokymas, metodologija, reabilitavimas, sveikatinimas, treniravimas. Kaunas : Vitae litera.	612.7 Sk93	20	Yes	1
Add	tional literature				
N⁰.	Title				
1.	Guthold, R., Stevens, G. A., Riley, L. M., & Bull, F. C. (201 physical activity from 2001 to 2016: a pooled analysis of 358 participants. The Lancet Global Health, 6(10), e1077-e1086)	8 population			
2.	European Society of Cardiology (2016). European Guideline clinical ractice, European Heart Journal, vol. 37, no. 29, p p.	2315-2381	, 2016.	*	
3.	Carl J Lavie et al. (2019). Sedentary Behavior, Exercise, and 124(5):799-815.			· · ·	
4.	Bohannon, R. W. (2008). Hand-grip dynamometry predicts f geriatric physical therapy, 31(1), 3-10.		Ū.	C	
5.	Scott K. Powers, Edward T. Howley. Exercise Physiology: T Performance, 10e.	•			
6.	Zumeras, R. (2018). Bendros fizinio aktyvumo rekomendaci ir ligų prevencijos centras. Prieiga per internetą: https://sam.lrv.lt/uploads/sam/documents/files/fizinio_aktyvu				mokymo
7.	Boggenpoel, B (2018) The use of periodized exercise prescri review of literature. Annals of Physical and Rehabilitation M	ption in ph	ysical reha	bilitation: A	scoping
8.	Boggenpoel, B (2018) The use of periodized exercise prescri review of literature. Annals of Physical and Rehabilitation M	ption in ph	ysical reha	bilitation: A	scoping
9.	Bompa T. O. Buzzichelli C. Periodization. Theory and Meth- Human Kinetics, 2019.				IL:

№. Title											
			stad B.R. Co					ainir	ng– Sci	entific Basic	es and
^{10.} Practica	al Ap	plications	. Springer In	ternati	onal Publ	lishing, 2019					
Coordinating	g lectu	ırer									
Positi	ion]	Degree	, surnam	e, name				Schedu	le №.
Profes	sor									120)
Subdivision											
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1.2		1	1		1	2.7		0		1	0
1.3		1	2		0	3.1			1	0	0
1.4		1	1		0	3.2		0		1	0
2.1		1	0		1	3.3		1		0	0
2.2		1	1		1	3.4		1	0	0	

1.3	1	2	0	3.1	1	0	0
1.4	1	1	0	3.2	0	1	0
2.1	1	0	1	3.3	1	0	0
2.2	1	1	1	3.4	1	0	0
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Schedule of indiv	vidual worl	k tasks and th	eir influence o	n final grade			

	Nº. of		al Influence on grade,		Week of presentment of task (*) and reporting (0)													
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Exam	1 - 17	90	40	*														0
Individual project	1 - 4	65	25			*		0										
Colloquium	5 - 11	45	25						*			0						
Case analysis (study)	12 - 16	30	10										*				0	
Total:	-	230	100															