

LITHUANIAN SPORTS UNIVERSITY

STUDY MODULE PROGRAMME (SMP)

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Mo	odule Code	S	273	В		5S	Accred			Rei	newal	date
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		d Learni	ng									
-		reiology										
			Outcomes									
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1								,	exami	ination	l	
	technologies	8										
	Will be able	to creat	ively apply	modern						Mid-t	erm	
2								eflection	on			l
				•				Casastu	1 \	Dina	ن ام	
3								Case stu	ay),			
						Group	o work					
4		_					Laboratory classes			•		notes
						•				and re	port	
5					variety	Labor	ratory clas	sses	Mid-term examination Addy), Directed private laboratory work Laboratory notes and report Laboratory examination Science, to provide plogies of motor control, ental and applied atrol and learning Discience and report o) biomechanical and comechanics of running, ell patterns, principles rning processes; f)			
		c method	ls using star	dardized		Lucoi	atory cras	,500		exami	nation	l
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		a achiev	amants of m	odern fund	amental	and an	nlied mov	zamant sz	riance	to pro	wide	
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Levi		ogramme										
Cyc			<u>′</u>	Su	ıbject gr	oup (ur	nder the re	gulation	of the	e area)		
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			Sections	and themes				R	espon	sible le	cturer	
1.	Introduction	to moto							-			
2.	Anatomy of	motor c	ontrol I									
3.												
Ne. Learning Outcomes Methods Methods												
5.	Regularities	and prin	nciples of m	otor control								
6.	Brain plastic	city - the	basis of lea	rning I								

Brain plasticity - the basis of learning I

№.	Sections and themes	Responsible lecturer
8.	Learning Neuroscience I	
9.	Learning Neuroscience II	
10.	Basic principles of sensory movements	
11.	Stress	

Evaluation procedure of knowledge and abilities:

References

№.	Title	Sports	n Lithuanian University brary	In Lithuanian Sports University	Number of ex. in the methodical
		Pressmark	Number of exemplars	bookstore	cabinet of the depart.
1.	Skurvydas A. Judesių mokslas: metodologija, mokymas, valdymas, raumenys, sveikatinimas, treniravimas, reabilitaciija // Kaunas, 2017.		50	Yes	
2.	Skurvydas A. Modernioji neuroreabilitacija: judesių valdymas ir proto treniruotė // Kaunas, LKKA, 2011.		50	Yes	
3.	Schmidt R.A., Lee T.D. Motor Control and Learning: A Behavioral Emphasis // Champaign, Illinois: HumanKinetics, 2008.		1	Yes	
4.	Wolpert, D.M., Diedrichsen, J., Flanagan, J.R.Principles of sensorimotor learning //NatRevNeurosci. 2011 7;12(12). IF: 29.5.			No	
5.	Franklin, D.W., Wolpert, D.M. Computational mechanisms of sensorimotor control // Neuron. 2011, 3;72(3):425-42. IF:14.9.			No	
6.	Diamond A, Lee K. Interventions shown to aid executive function development in children 4 to 12 years old // Science. 2011, 19;333(6045):959-64. Review. IF: 31.3.			No	

Additional literature

Ŋ <u>o</u> .	Title					
1.	Wolpert, D.M., Diedrichsen, J., Flanagan, J.R.Principles of sensorimotor learning //Nat Rev Neurosci. 2011 7;12(12). IF: 29.5					
2. Schiaffino, S., Reggiani C. Fiber types in mammalian skeletal muscles // Physiol Rev. 2011; 91(4):1447-531. IF: 28.						
3.	Stergiou, N. Innovative Analyses of Human Movement. – Champaign, Illinois: Human Kinetics, 2004.					
4.	Enoka, R. Neuromechanics of Human Movement // Champaign, Illinois: HumanKinetics, 2008.					

Coordinating lecturer

Position	Degree, surname, name	Schedule №.
Associate Professor		195

Subdivision

Entitlement	Code
Department of Health Promotion and Rehabilitation	2006

Study module teaching form No. 1

Ī					Structu	ıre		Total	
	Seme	ester	Mode of studies	Theory	Seminars	Lab Works	Ind. work	Total hours	Credits
Ī	A	S	D	30	30	0	200	260	10

Languages of instruction:

Plan of in-class hours

№. of Themes		Academic h	ours	№. of Themes	Academic hours					
Nº. Of Themes	Theory Seminars Lab Works		Nº. Of Themes	Theory	Seminars	Lab Works				
1.	1	0	1	7.	3	0	3			
2.	2	0	2	8.	3	0	3			
3.	3	0	3	9.	3	0	3			
4.	3	0	3	10.	3	0	3			
5.	3	0	3	11.	3	0	3			
6.	3	0	3							
		<u> </u>		Total:	30	0	30			

Schedule of individual work tasks and their influence on final grade

	№. of syllabus	Total hours	Influence on grade, %	Week of presentment of task (*) and reporting (o)									nd				
	sylladus	nours	grade, % 1234567							10	11	12	13	14	15	16	17-20
Mid-term examination	1-11	100	50	*													0
Reporting for laboratory work	2-11	100	50	*													0
Total:	ı	200	100														

Study module teaching form №. 2

				Structu	ıre		Total	
Seme	ester	Mode of studies	Theory	Seminars	Lab Works	Ind. work	Total hours	Credits
A	S	N	30	30	0	200	260	10

Languages of instruction:

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

№. of Themes	nemes	Academic h	ours	№. of Themes	Academic hours						
Nº. Of Themes	Theory	Seminars	Lab Works	Nº. Of Themes	Theory	Seminars	Lab Works				
				Total:	0	0	0				

Schedule of individual work tasks and their influence on final grade

		Total hours	Influence on grade, %	Week of presentment of task (*) and reporting (o)														
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Mid-term examination	1-11	0	50	*														0
Reporting for laboratory work	2-11	100	50	*														0
Total:	1	100	100															

Study module teaching form No. 3

				Structu	ıre		T-4-1	
Seme	ester	Mode of studies	Theory	Seminars	Lab Works	Ind. work	Total hours	Credits
A	S	D	30	30	0	200	260	10

Languages of instruction:

Lithuanian	L	English	Е	Russian	R	French	F	German	G		Other	Oth.
Plan of in-cl	ass l	nours										
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1.	1	0	1	7.	3	0	3						
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4.	3	0	3	10.	3	0	3						
5.	3	0	3	11.	3	0	3						

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6.	3	0		3																	
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Schedule of indi	vidual w	ork tasks ar	nd their	influence	on final	gr											1 /				
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Lithuanian L	Eng		Russi	an R	French F German G							G Other Oth.									
Plan of in-class l	hours																				
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