Universida_{de}Vigo

Subject Guide 2023 / 2024

IDENTIFYING Fitness acti				
Subject	Fitness activities			
Code	P02G050V01901			
Study	Grado en Ciencias			
programme	de la Actividad			
	Física y del			
	Deporte			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	3rd	1st
Teaching	Spanish	'		
language	Galician			
Department		'		· · · · · · · · · · · · · · · · · · ·
Coordinator	Alonso Fernández, Diego			
Lecturers	Alonso Fernández, Diego			
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Web				
General description	The course aims to provide students with an fitness activities.	overview of one of the r	nain professiona	options of the degree:

Training and Learning Results

Code

- B2 Knowledge and comprehension of the scientific literature of the area of the physical activity and the sport.
- B5 Knowledge and comprehension of the effects of the practice of the physical exercise on the structure and function of the human body.
- B12 Application of the technologies of the information and communication (TIC) to the area of the Sciences of the Physical Activity and of the Sport.
- B13 Habits of excellence and quality in the professional exercise.
- B24 Action inside the ethical beginning necessary for the correct professional exercise.
- B25 Skill of leadership, capacity of interpersonal relation and teamwork.
- B26 Adjustment to new situations, the resolution of problems and the autonomous learning.
- C9 Aptitude to promote and evaluate the formation of lasting and autonomous habits of practical physical and sports activity in the population who realizes sports training
- C24 Aptitude to design, to develop and evaluate the processes of education learning relative to the physical sports recreative activity, with attention to the individual and contextual characteristics of the persons
- C26 Aptitude to select the material and sports equipment adapted for every type of physical sports recreative activity
- C28 Aptitude to apply the physiological biomechanicl, comportamental and social principles, in the physical sports recreative activities
- C29 Aptitude to identify the risks that stem for the health, of the practice of physical inadequate activities in the medical instructors of physical sports recreative activity

Expected results from this subject			
Expected results from this subject		Training and Learning Results	
The students will be able of *conocer *y comprise bases of the activities of *fitness.	B2 B5 B12 B13 B24		
The students will be able to design, develop and evaluate the processes of And-To relative the activities of *fitness, with attention to the individual characteristics and *contextuales of the people.	B5 B25	C9 C24 C26 C28 C29	
The students will be able to comprise wool scientific literature of the field of the activities of *fitness.	B2 B5		

The students will be able to promote the training of frocks *perdurables and autonomous of	B13	C9
practises of activity of *fitness.	B24	C28
	B25	C29
The students will be *capacades to identify the risks that derive stop the health of the practice of	B24	C9
the activities of *fitness.		C26
		C28
		C29
The students will be able to select and know use the material and suitable sportive equipment stop		C24
the activities of *fitness.		C26
		C29
The students will be able to apply the principles *fisiológicos, *biomecánicos, *comportamentales	B5	C28
and social to the field of the activities of *fitness.	B24	
	-	
Contonto		

Tonic	
Topic	CUR TUEME I Company and application of the Change
SUBJECT 1. Theory and practice of the physical	SUB-THEME I: Concept and evolution of the fitness
exercise and welfare in collective classes	Sub-theme I.1. Concept and evolution of the fitness
	Sub-theme I.2. The fitness in the actuality
	Sub-theme I.3. The sector of the services of fitness
	Sub-theme I.4. The users of the fitness
	SUB-THEME II: The polyvalent technician of fitness
	Sub-theme II.1. Characteristics and training
	Sub-themea II.2. Personal and social skills
	Sub-theme II.3. Guidelines for his professional development
SUBJECT 2. Tendencies of the fitness and physic	alSUB-THEME III: Activities of fitness: the room ☐cardio-fitness ☐
analysis in collective classes	Sub-theme III.1. Equipment and operation of a room [cardio-fitness]
•	current.
	Sub-theme III.2. Basic guidelines of training in room
	Sub-theme III.3. Security and prevention of injuries
	Sub-theme III.4. The functional training in the room cardio-fitness
	SUB-THEME IV: Activities of fitness: current tendencies
	Sub-theme IV.1, H.I.I.T.
	Sub-theme IV.2. Tono with musical support
	Sub-theme IV.3. Running
	Sub-theme IV.4. Cross fit
	Sub-theme IV.5. Eccentric training
	Sub-theme IV.6. Training in suspension: TRX
	Sub-theme IV.7. Core training
	Sub-theme IV.8. Training propioceptive
	Sub-theme IV.9. Stretching Global Active
	Sub-theme IV.10. F.N.P.
	Sub-theme IV.11. Method Pilates
SUBJECT 3. Didactic and methodological	SUB-THEME IV: Activities of fitness: current tendencies
appearances of the physical exercise with	Sub-theme IV.12. Tono with musical support
musical support.	Sub cheme 17.12. Tono with musical support

Planning			
	Class hours	Hours outside the classroom	Total hours
Lecturing	15	5	20
Mentored work	4	15	19
Laboratory practical	26	9	35
Presentation	4	15	19
Autonomous problem solving	5	10	15
Objective questions exam	2	4	6
Report of practices, practicum and externa	l practices 2	8	10
Essay	6	20	26

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies	
	Description
Lecturing	Expository activities of teacher and student. Exhibitions, seminars, presentation of exercises, works or projects to be developed.
Mentored work	Resolution of exercises in the classroom/laboratory under the teacher's guidance.

Laboratory practical	Practical implementation of different fitness trends and development of basic sessions.
Presentation	Practical activity where the student must be responsible for its design, planning and approach.
Autonomous problem	Search for information based on a subsequent practical approach to the contents.
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Personalized assistance		
Methodologies	Description	
Lecturing	In the classroom or by telematic means on the remote campus, the MOOVI platform or e-mail by prior arrangement.	
Mentored work	In the practical classroom or during tutoring hours or by telematic means through the remote campus, the MOOVI platform or e-mail by prior arrangement.	
Presentation	In the theoretical classroom and practical sessions or by telematic means on the remote campus, the MOOVI platform or e-mail by prior arrangement.	
Autonomous problem solving	In the theoretical and practical sessions and during tutoring hours or by telematic means through the remote campus, the MOOVI platform or e-mail by prior arrangement.	
Laboratory practical	In the practical classroom or during tutoring hours or by telematic means through the remote campus, the MOOVI platform or e-mail by prior arrangement.	

	Description	Qualification	Trair	ning and
			Lea	arning esults
Lecturing	During some theory sessions there will be interactive group exercises where points will be awarded in the final grade depending on the final position obtained.	5	B2 B5 B12 B13 B24 B25 B26	C9 C24 C26 C28 C29
Presentation	The students will develop a session of fitness complete like responsible monitors.	25	B2 B5 B12 B13 B25 B26	C9 C24 C26 C28 C29
Objective questions exam	Overall evaluation of the learning process and acquisition of skills and knowledge: The theoretical exam may consist of short questions and/or multiple choice questions on the different contents of the course.	40	B2 B5 B12 B13 B25 B26	C9 C24 C26 C28 C29
Report of practices, practicum and external practices	The student must compile the sessions (contents, objectives and tasks) of the practical classes by critically analyzing each one of them. In order to do so, the student must attend at least 85% of the scheduled practical sessions.	15	B5 B13 B24 B26	C9 C26 C28 C29
Essay	The students will develop diverse tasks proposed through the platform of teledoc Moovi that will have a deadline of presentation to be able to be evaluated.	15	B2 B5 B12 B13 B25 B26	C9 C24 C26 C28 C29

Other comments on the Evaluation

All students, whether or not they attend classes, have the right to be evaluated (by means of an exam or in the manner established in the teaching guide).

Continuous evaluation:

- a) Evaluation ATTENDING STUDENTS (attending at least 85% of the programmed practical sessions):
- It is essential to pass the theoretical exam with a minimum grade of 5 points to pass the course. If this is not the case, the rest of the grades will be kept for subsequent exams.
- If the subject is not passed in the first call, the competences not acquired will be evaluated in the July call.

- In the second call of the same academic year, the grades of the first call will be maintained.

Global evaluation:

- b) Evaluation of NON-ATTENDING STUDENTS (attends less than 85% of practical sessions):
- In any case the evaluation criteria will be maintained and will be previously consulted with the teacher of the subject when students have not attended regularly during the course.
- The competencies of the subject will be evaluated in a single test of a theoretical (50%) and practical (50%) nature that must be passed with a minimum grade of 5.
- c) The official dates of the exams can be consulted on the web page of the Faculty of Education and Sport Sciences: http://fcced.uvigo.es/gl/

Sources of information

Basic Bibliography

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Hoeger, W.W.K. y Hoeger, S.A., Fitness and wellness, 9a, Wadsworth, Cengage Learning., 2009

Thompson, W.R., ACSM's guidelines to exercise testing and prescription., Lippincott, Williams & Wilkins., 2009

Complementary Bibliography

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Isidro, F., Heredia, J.R., Pinsach, P. y Costa, M.R., **Manual del entrenador personal. Del fitness al wellness.**, Paidotribo, 2007

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S A Costigan, N Eather, R C Plotnikoff, D R Taaffe, D R Lubans, **High-intensity interval training for improving health-related fitness in adolescents: a systematic review and meta-analysis**, Br J Sports Med, 2015

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Vera-Garcia et al., **Progressions of core stabilization exercises based on postural control challenge assessment**, European Journal of Applied Physiology, 2020

Xu et al., Effects of Foot Strike Techniques on Running Biomechanics: A Systematic Review and Meta-analysis, SPORTS HEALTH, 2020

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Matos et al., Analysis of the pain symptoms, flexibility, and hydroxyproline concentration in individuals with low back pain submitted to Global Postural Re-education and stretching, Pain Management, 2020

Schimidt et al., **Influence of Pilates Method on Nonspecific Lumbar Pain**, Arquivos Brasileiros de Neurocirurgia, 2020

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Alonso-Fernandez et al., Effects of Copenhagen Adduction Exercise on Muscle Architecture and Adductor Flexibility, IJERPH, 2022

Alonso-Fernandez et al., Impact of High-Intensity Interval Training on Body Composition and Depressive Symptoms in Adults under Home Confinement, IJERPH, 2022

Recommendations

Subjects that continue the syllabus

Physical exercise and wellbeing programs/P02G050V01910

Subjects that it is recommended to have taken before

Biomechanics of sports techniques/P02G050V01903

Other comments

To face the subject is important to have a good theoretical base of:

- Anatomy and kinesiología human.
- Physiology of the exercise.