COURSE DATA

DATA SUBJECT

Code: 33210
Name: Swimming
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1312 - Degree in Physical Activity and Sport Sciences	Facultat de Ciències de l'Activitat Física i Esports	3	Second quarter, First quarter
1331 - Degree in Physical Activity and Sport Sciences (Ont)	Facultat de Ciències de l'Activitat Física i Esports	3	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1312 - Degree in Physical Activity and Sport Sciences	Foundations of individual sports	COMPULSORY
1331 - Degree in Physical Activity and Sport Sciences (Ont)	Fundamentos de los Deportes Individuales	COMPULSORY

COORDINATION

LLANA BELLOCH SALVADOR

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SUMMARY

The aquatic activities and particularly swimming are physical activities that are developed in a environment for that the human being is not adapted from an evolutionary point of view. For this reason, it is an ontogenetic and not filogenetic movement. Consequently, the type of methodology to use in the learning process determines the students' skills much more than in terrestrial activities.

So, the main objective of this subject will be to make the students know and understand the particularities of the human movement in the aquatic environment and the different possibilities of development. From this knowledge, the student must be able to carry out aquatic programs adapted to the users, facilities and available materials.

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PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

None

COMPETENCES / LEARNING OUTCOMES

1312 - Degree in Physical Activity and Sport Sciences

Apply information and communication technologies (ICT) to the field of individual sports.

Apply the principles of fundamental rights, gender equality, equal opportunities, universal accessibility for people with disabilities, the culture of peace and democratic values.

Design, implement and evaluate the teaching-learning processes related to physical activity and sport, paying attention to the individual, collective and contextual characteristics of people.

Develop leadership, interpersonal and teamwork skills.

Develop resources to adapt to new situations and to solve problems, and for independent learning and creativity.

Know and understand the areas of application of individual sports (athletics, gymnastics and swimming).

Know and understand the fundamentals, structures and functions of human motor skills and movement patterns.

Know and understand the fundamentals of game play and sport.

Know and understand the historical evolution of individual sports (athletics, gymnastics and swimming).

Know and understand the regulations of individual sports (athletics, gymnastics and swimming).

Know and understand the teaching fundamentals of individual sports (athletics, gymnastics and swimming).

Know and understand the technical and tactical fundamentals of individual sports (athletics, gymnastics and swimming).

Plan, implement and evaluate the motor skills training process at its different levels and practice environments.

Select and know how to use sports material and equipment, suitable for each type of activity and population.

1331 - Degree in Physical Activity and Sport Sciences (Ont)

Apply information and communication technologies (ICT) to the field of individual sports.

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DESCRIPTION OF CONTENTS

1. Historical origins of swimming

Tema I.1. The aquatic activity. Historic evolution.
Tema I.2. The swimming competition. Origins and evolution.
Tema 2

2. Physical and biological bases of swimming

Tema II.1. Physical and biological bases of the human locomotion in water.

3. The learning process in swimming. Drills and games for beginners

Tema III.1. Basic motor skills in aquatic enviroment.
Tema III.2. Teaching basic motor skills.
Tema III.3. Material, facilities, health and safety at aquatic facilities.

4. Strokes technique, starts and turns. Learning exercises

Tema IV.1. Common aspects of strokes technique.
Tema IV.2. Front crawl stroke, start and turn.
Tema IV.3. Butterfly stroke, start and turn.
Tema IV.4. Breastroke, start and turn.
Tema IV.5. Backstroke, start and turn.
Tema IV.6. Individual medley turns.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Classroom practices	60,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	70,00
Independent study and work	16,00
Preparation of lessons	0,00
Preparation for assessment activities	4,00
Resolution of case studies	0,00
Total hours	**90,00**

TEACHING METHODOLOGY

1- Group learning with the teacher

The beginning of each session (15 min) will serve to establish the theoretical basis of the following

practical drills. Next, the students will access dressing rooms and the facility (8-10 mins). The next 90-100 minutes the students will experiment in a practical way the contents already explained. In the swimming pool, students will experience in a practical way, the contents taught in the classroom and, increasingly, must reach the level of performance required

2- Team work

Carrying out this type of work, the student will be able, besides the motivation, to analyze and to process the information, and it also will promote the interpersonal relationships, the problems, hopes and solutions sharing of team work.

3- Tutoring

Tutoring will be held individually or in groups, either in the tutoring timetable, during classes or through the virtual classroom.

4- Individual study and forum participation

It is about conducting the student into learning-oriented activities. The model to apply is participatory, where the student gathers information, analyzes, presents activities and comes to conclusions.

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EVALUATION

The final grade for the subject depends on the following sections:

SECTION 1: Theoretical exam.
A 50-question multiple-choice exam will be held on the date and time set for the final exam in the Faculty Meeting. Each multiple-choice question will present four possible options, only one of which is correct.

Grading will be as follows:
- Each correct answer will be worth 0.2 points (10/50 = 0.2).
- Each incorrect answer will deduct one-third of the points awarded for a correct answer, i.e., 0.2/3 = 0.06 points.
This section will be worth 10 points, and a minimum score of 5 is required to pass the subject.

SECTION 2: Practical exam.
For students under continuous assessment (maximum 20% absences), this will consist of swimming 50 meters in each of the strokes.
For students taking the final evaluation (with more than 20% absences), the assessment will consist of swimming the 200m individual medley.
In both cases, individual adaptations may be made provided there is a medical justification.
In both cases, the assessment will take place during practical classes within the time allotted by the

professor (not on the same day as the theoretical exam). The grade will be pass or fail.

SECTION 3: Individual voluntary task.
This will consist of a 10-minute presentation in class, followed by a 5-10 minute discussion. Prior to this, there will be as many tutorials as necessary until the professor approves the presentation.
The topic must be agreed upon with the professor by the deadline of two weeks after the start of classes.
This assignment will be worth up to 1 point.

SECTION 4: Class attendance and completion of assignments given by the professor.
This will be worth up to 1 point.

FINAL GRADE
The final grade will be calculated by adding the partial grades for each of the aforementioned sections, provided the theoretical exam is passed.

Second sitting
The evaluation criteria are similar to those of the first sitting; therefore, the grades for the different sections will be carried over and will have the same percentage value as in the first sitting (this will be valid within the same academic year; that is, partial grades from one academic year will not be carried over to the next).

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