

26339 - Observation of Motor Intervention and Behaviour

Syllabus Information

Academic year: 2023/24

Subject: 26339 - Observation of Motor Intervention and Behaviour

Faculty / School: 229 - Facultad de Ciencias de la Salud y del Deporte

Degree: 295 - Degree in Physical Activity and Sports Science

ECTS: 6.0

Year:

Semester: Second semester

Subject type: Optional

Module:

1. General information

The collection of information through observation is one of the most widespread procedures in the field of physical, sporting and artistic-expressive activities, and this refers both to the person who directs the work sessions (coach, teacher, monitor...) and to the person who practices these activities (athlete, student, user...). Explicitly, it should be said that this subject provides knowledge and experience that the future graduate will be able to apply in a wide range of professional situations, particularly in all those in which the interaction with physical activity users is direct (teaching, training, health and quality of life, active use of leisure time) but also in those in which the interaction is carried out through other people or groups, or included in broader programs (technical-tactical support, research, management). It is, therefore, a subject of a markedly procedural nature, which deals with preparing the student to be able to perceive information directly and accurately, process that information in a rigorous manner, understand it adequately and draw useful conclusions for his or her professional practice. The subject is aligned with Goal 3: Health and wellness and 4: Quality education, of the Sustainable Development Goals.

2. Learning results

- Recognizes and correctly selects teaching behaviours, identifying the most representative ones and determining their significance
- Identifies and selects correctly the motor behaviours of the participants, relating them with the teaching, improvement or performance intentionality pursued.
- Uses appropriate systems and procedures to capture and record information, taking advantage of existing models or, adapting existing ones or designing new ones.
- Orders the information, systematizes it, facilitating its later treatment and interprets it correctly, referring it in a reasoned way to expected patterns or models, producing useful and coherent reports

3. Syllabus

Observational methodology. Theory and implementation.

- Knowledge paradigms and observational methodology.
- Observation as a method of capturing information and interpreting it.
- Application of observation to Physical Activity and Sport Sciences.

Teaching behaviour. Dimensions, categories and indicators.

Motor behaviour. Dimensions, categories and indicators.

Systems and procedures for collecting and recording information. Observation units.

- Observation units.
- Variables, categories and indicators. Types, categories, determination and identification.
- Instruments for collecting and recording information.
- Inter-observer agreements and inter- and intra-observer/coder reliability.
- Treatment of the information collected and its meaning.

ICT as an aid for recording and processing information.

- Image processing programs.

- Specific analysis programs: Lynx, KinoveaAdT, JASP, etc.

Preparation of reports.

- Information that should be included in a report.
- Analysis and presentation of results. Calculation of coefficients and indicators.
- Discussion of results.
- Conclusions and implications of the results of a report.

4. Academic activities

The subject is organized around three different but perfectly complementary types of activities: 1) the presentation and review of theories, concepts and procedures for observation; 2) the implementation of practices for the collection of information through observation and its subsequent processing; 3) the design, development, presentation and defence of a project of observation. The implementation of the specific project may mean, on occasion, the use of times outside the scheduled as school hours, for example, because it is deemed appropriate to observe competitions that take place on weekends or that are broadcast by the media outside the school timetable or calendar. The test of global evaluation will be defined by the official exam calendar published at the beginning of the term.

5. Assessment system

Continuous assessment:

1. Live observation and recording: sessions in which a group of students performs a motor practice proposed by teachers, while the rest proceeds, individually or in groups, to record the behaviours that have been determined. 30% of the final grade.
2. Understanding and use of notions and concepts on definition of variables and instruments, identification of behaviours and interpretation of results, which should be shown in controls distributed throughout the term. 20% of the final grade.
3. Elaboration, exposition and defence of an observation work, directed to an object of study included in one of the two areas included in the subject (teaching intervention, motor behaviour) or in both. 35% Paper, 10% exposition and 5% discussion of the final grade.

Overall test

1. Completion of a written test on the contents taught throughout the term 25% of the final grade.
2. Live observation and recording of teaching interventions or motor behaviours (or both) from any of the experiences recorded in the practical class sessions, or others (of a similar nature) that the teacher may choose. 25% of the final grade.
3. Elaboration, presentation and defence of an observation work directed to an object of study included in one of the two areas included in the subject (teaching intervention, motor behaviour) or in both. 25% Paper, 15% presentation and 10% discussion of the final grade.

The evaluation criteria will be available to students at the beginning of the term.

Fraud or total or partial plagiarism in any of the evaluation tests will result in not passing the subject with the minimum grade, in addition to the disciplinary sanctions adopted by the Guarantee Committee for these cases.