

Academic Year/course: 2021/22

26339 - Observation of Motor Intervention and Behaviour

Syllabus Information

Academic Year: 2021/22

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: 4 and 3

Semester: Second semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

This course has a practical approach based, essentially, on the design, application and defense of projects related to its object of study. It should be clarified that as in any project, the most important aspect is the process of creation, application and evaluation, because there is where the learning lies. The projects are carried out on real situations, and at least one of them, has to be implemented in the professional work. The project consists of four main elements:

- Information-gathering tool: it can be taken from existing ones, adapted from those already in the scientific or dissemination literature, or designed ex profeso.
- Information-taking: carried out live or through the use of audiovisual media, and in both alternatives with the help or without the help of computerized means for the registration of information.
- Procedures and analysis of the registered information: quantitative procedures, qualitative or a combination of both, and their different means to process the information.
- Results dissemination: from the simple transcription of some quantitative data ??to the more sophisticated writing of a report in which all kinds of descriptive or explanatory information are included, as well as, guidelines or directions for future work.

4.2. Learning tasks

The course (150 hours) includes the following learning tasks:

- **Lectures (37.5 hours).** Explanation, reflection and discussion on theories by the teacher and students, concepts and procedures related to the observational methodology applied to physical, sports and artistic-expressive activities.
- **Practice sessions (100).** The procedures and lectures0 contents are put into action to capture and record information through observation, as well as resources and systems for the organization, interpretation and exploitation of the information collected.

- **Observation project** (12.5 hours). The process consists on the selection of an object of study, observational methodology, data-gathering and analysis, and presentation of results and conclusions.

4.3. Syllabus

The course will address the following topics:

Section 1. Observational methodology, theory and action.

- Paradigms of knowledge and observational methodology. The text and the context. Constructed situations, modified situations, ecological observation.
- Observation as an information method to capture and interpret it.
- Measurement, verification and appreciation.
- Application of observation to the Sciences of Physical Activity and Sports.

Section 2. Teaching behavior Dimensions, categories and indicators.

- Analysis of teaching skills (initial information, feedback, organization, management and control of the classroom, distribution of time, etc.)
- Analysis of teaching methodologies (direct instruction, inquiry, PBL ...)
- Analysis of teaching styles (transmitters, individualizers, socializers, etc.)
- Analysis of motivational styles.

Section 3. Motor behavior Dimensions, categories and indicators.

- Observation of behavioral parameters in E.F. and in other educational educational spaces.
- Observation of technical parameters and notational analysis. Observation phases.
- Observation of tactical parameters and notational analysis. Coefficients and indicators.

Section 4. Systems and procedures for collecting and recording information. Observation units.

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

Section 5. ICT as an aid for the registration and processing of information.

- Image treatment programs.
- Specific analysis programs: Lynx, Kinovea, AdT, DartFish, Software Touch, etc.

Section 6. Preparation of reports.

- Information that a report must collect.
- Analysis and presentation of results. Calculation of coefficients and indicators.
- Discussion of results.
- Conclusions and implications of the results of a report.

4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

4.5. Bibliography and recommended resources

The student should consult the bibliography recommended by the faculty through the link <http://psfunizar7.unizar.es/br13/eGrados.php?id=257> bearing in mind that the "basic bibliography" is considered an obligatory reference, and that the "complementary bibliography" is for guidance.