

62209 - Introduction to research

Syllabus Information

Academic Year: 2020/21

Subject: 62209 - Introduction to research

Faculty / School: 105 - Facultad de Veterinaria

Degree: 347 - Master's in Animal Nutrition

ECTS: 30.0

Year: 2

Semester: Annual

Subject Type: ---

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The learning process is based on a theoretical and practical tutored learning, advice throughout the training, and the reinforcement and monitoring of the student's attitudes. The tutor must be a professional with acknowledged prestige in the subject. During the training, the learning progress is monitored through periodical reports.

4.2.Learning tasks

The 30 ECTS are structured as follows:

- Theoretical and practical tutored learning to acquire training on the necessary aspects to carry out a professional or a research project: most relevant sources of information on the project topic; guidelines for conducting a bibliographical review and for its outlay in written documents; criteria for setting the project goals and for planning the work; potentially applicable methods and techniques in the project; and application and use of the techniques selected for research.

ECTS: 10 ; Percentage of contact: 100% training with the tutor or the tutor's team

- Counselling during the training in order to: discern the relevance of the information found and its comprehensiveness; establish specific objectives relevant to the project; determine a good planning of the work; assess the advantages and limitations of different methods and techniques applied in the project; integrate prior and acquired knowledge in the same or in other disciplines; and assess and contrast results, being able to re-focus the work if necessary.

ECTS: 62,5 ; Percentage of contact: 60%

- Preparation of three written reports made by the student on the development of the training activity and the progress in the completion of the research work. The reports must be synthetic and contain only the relevant information requested on: (i)

planning of the work and timetable foreseen for each phase of the project; (ii) material used, techniques and methodology used in each phase; (iii) the magnitude of the work that is being carried out in each phase; (iv) progress made in the various activities that have been carried out in each phase; and (v) obstacles encountered in each part of the project and solutions found.

ECTS: 2,5 ; Percentage of contact: 10%

4.3.Syllabus

The second part of the Master, which includes this Unit, initiates the student in research in the field of animal nutrition. This specific Unit provides the necessary training to become acquainted with the most relevant sources of information on the chosen research topic, the applicable methods and techniques in this particular research and the essential elements for planning the research work. Furthermore, the student's skills and attitudes are strengthened in order to work and learn autonomously, integrate knowledge, develop a critical spirit to analyse and solve problems, and benefit from the tutor's guidance and being included in a working team.

This Unit is delivered at the same time and in interaction with the Unit "Master Thesis" in which the student should present the results and conclusions of a specific research project in the field of animal nutrition.

4.4.Course planning and calendar

This Unit is delivered at the same time as the Unit "Master Thesis" for 10 months. This unit usually begins in September, although, depending on the Protocol established or the convenience of the tutor and the host institution, the starting date may be delayed or slightly brought forward, prior acceptance of the Master Studies Commission. Each student, upon agreement with his tutor, proposes a schedule for the learning and the research work to the Studies Commission according to the research requirements. The Assessment of the Unit will be carried out between July and October, after the 10 month period in each case. The assessment is carried out at the same time as the Unit "Master Thesis". The Master Schedule and the programme of theoretical and practical classes will be published on the start of the course, at the web of the Faculty of Veterinary Science (<http://veterinaria.unizar.es/en>) and at the web of IAMZ (<http://masters.iamz.ciheam.org/es/nutricionanimal>)

4.5.Bibliography and recommended resources