

## 28964 - Undergraduate Dissertation

### Syllabus Information

**Academic Year:** 2019/20

**Subject:** 28964 - Undergraduate Dissertation

**Faculty / School:** 201 - Escuela Politécnica Superior

**Degree:** 437 - Degree in Rural and Agri-Food Engineering  
583 - Degree in Rural and Agri-Food Engineering

**ECTS:** 12.0

**Year:** 4

**Semester:** Indeterminado

**Subject Type:** Optional

**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 designed for this course is an active method based on the independent learning of the student. The main characteristics are as follows:

- The motivation for learning.
- Learning step by step, with increasing difficulty.
- Practical application of the theoretical concepts.
- Encouragement of independent learning of the student.
- Development of skills in searching for information, research, data analysis.

### 4.2.Learning tasks

The learning activities are based on the independent learning of the student under the supervision of an academic tutor. In this sense, the student will receive frequent tutoring from his academic tutor.

As a previous step, the student will complete an initial proposal detailing the contents of the undergraduate dissertation. From this proposal, the final document will be elaborated and deposited in electronic format and on paper. Finally, the student will present his work, by an oral presentation, before an academic tribunal.

It is suggested that the students consult the next resource: Guía de Herramientas y pautas para un buen TFG: ?Learning Tools and Guidelines Guide for a successful End-of-Degree Project?. It is an online course -across the slant of the Virtual

Campus of the UZ - that tries to be a guide that provides information and advice about the features and the development of the End-of-Degree Project to the students of the University of Saragossa. The ultimate aim is to make the students reflect on the End-of-Degree Project in such a way that it helps them to plan and develop his TFG with minimum quality standards. It remains open all the academic year-long, having the support of a permanent advisory service attended by librarians of the University of Saragossa.

\*How to register in the course:

1. If you are registered in the End-of-Degree Project subject, the registration is automatic.
2. If you are not registered in the End-of-Degree Project Subject, contact with your Library School Center: <http://biblioteca.unizar.es/biblioteca-escuela-politecnica-de-huesca/eps-inf-gral>

Non-face-to-face work: the student will prepare individually or collectively, if applicable, the proposal of the TFG, will develop it by carrying out all the necessary, planned and unplanned activities, and will materialize all this in a written report or project that will be accompanied, where appropriate, of the material deemed appropriate. They will contain sufficient elements of personal creation and will properly cite all sources consulted. Finally, prepare the presentation and defence before the court designated for the evaluation of the TFG.

### 4.3.Syllabus

No specific program is provided because the contents of the undergraduate dissertations are diverse.

### 4.4.Course planning and calendar

This course requires 300 h of individual work of the student (12 ECTS).

Minimum requirements

The Commission for Quality Assurance of the Degree in Agrifood Engineering and Rural Environment will evaluate the proposals of the Final Degree Projects submitted by the student.

In this sense, these proposals must contain the following sections:

- 1. Title: The use of short titles that include the general objective and, if possible, the temporal and spatial context of the problem to be considered is recommended. The use of acronyms, abbreviations and ambiguous words should be avoided.
- 2. Justification: The problem to be studied, the scientific, economic or social reasons and the intended purpose should be briefly indicated. Likewise, and it is appropriate for the spatial and temporal location.
- 3. General and specific objectives: The general objective is the main idea that drives the work and should be expressed clearly. The specific objectives, which must be linked to each other, are those that must be achieved to achieve the general objective.
- 4. Methodology: The procedures, techniques, activities and other methodological strategies that will be used to achieve the proposed objectives should be detailed.
- 5. Work structure: Include a ?table of contents? indicating the chapters into which the End of Studies Work will be divided.
- 6. Schedule of activities

-Note: When the director or co-director of the TFG has no connection with the University of Zaragoza, a simplified curriculum vitae must be attached.

Additional Provisions

- 1. The language of the presentation of the TFG document will be Spanish or English.
- 2. For the periods referred to in the Regulation of End of Studies Works of the EPS, non-teaching periods will not be counted, unless explicitly indicated.
- 3. Upon completion of the defense and evaluation of the TFG, the EPS Secretariat will return the TFG printed document to the author (s).
- 4. Upon completion of the defense and evaluation of the TFG, the author / s and the members of the court will complete the standardized form prepared for this purpose, in which it will be determined if the TFG is worthy of being eligible for prizes to TFG (counting on the Seen Well of the student), if that were the case. If it is a TFG defended within the framework of a mobility program, this document will be signed by the mobility program coordinator. (Annex 4).
- 5. The CGCT will establish monthly the deadline, within the school calendar, in which the documentation that entails the realization of the TFE.
- 6. The process until the defense of the TFG is constituted by a series of activities and key dates, as indicated in the regulations that specify that the language of presentation of the TFG document will be Spanish or English.

In the event that the TFG is carried out through Mobility Programs, the conditions described in [ARTÍCULO 12. TRABAJOS DE FIN DE ESTUDIOS REALIZADOS A TRAVÉS DE PROGRAMAS DE MOVILIDAD](#) of the regulations must be satisfied.

End of Degree Work Director

The Final Degree Project, TFG, will have a director, at least, to supervise and supervise the student's work.

The director or one of the co-directors must belong to the teaching staff of the University of Zaragoza and one of the areas

oknowledge related to the corresponding degree, or they must be part of the research staff of the University of Zaragoza or Mixed Centers

The director or co-directors who do not meet these conditions must have the reasoned and favorable report of the Quality Assurance Commission of the degree in question. When neither the director nor the co-directors meet these conditions, it will be necessary for a professor or member of the research staff to assume the work of the rapporteur, whose role will be to guarantee the adequacy and quality of the work presented. In any case, the number of co-directors, including the rapporteur, may not exceed three.

The director or co-directors will perform the following functions:

- Advise and guide the student in the general approach and approve the proposal.
- Direct the student's work and review its performance.
- Make a report of the TFG to proceed with its deposit and defense.
- Those other functions that are recognized in the regulations for the End of Studies of the EPS, which develops and expands, adapting it to the peculiarities of the EPS, the Regulation of the End of Degree and End of Master Works of the Zaragoza's University. However, the evaluation of this subject will be carried out by a court designated for this purpose, according to the regulations for the End of Studies of the EPS

#### **4.5. Bibliography and recommended resources**

No specific bibliography is provided because the contents of the undergraduate dissertations are diverse.