



- \* Level 1: Tutorial support sessions, materials and exams in this language
- \* Level 2: Tutorial support sessions, materials, exams and seminars in this language
- \* Level 3: Tutorial support sessions, materials, exams, seminars and regular lectures in this language

**DEGREE: Máster Univ. en Biotecnología y biomedicina**  
**FACULTY: Centro de Estudios de Postgrado de UJA**  
**ACADEMIC YEAR: 2018-19**

## SYLLABUS

### 1. COURSE BASIC INFORMATION

**NAME: Master's Dissertation**

CODE: 76716001

ACADEMIC YEAR: 2018-19

LANGUAGE: English

LEVEL: 2

ECTS CREDITS: 15.0

YEAR: 1

SEMESTER: I

### 2. LECTURER BASIC INFORMATION

NAME: PERAGÓN SÁNCHEZ, JUAN

DEPARTMENT: U103 - BIOLOGÍA EXPERIMENTAL

FIELD OF STUDY: 060 - BIOQUÍMICA Y BIOLOGÍA MOLECULAR

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LANGUAGE: -

LEVEL: 2

### 3. CONTENT DESCRIPTION

The student will make an individual Project End of Master in a research group of the University of Jaén, in one of the associated entities or in one biotechnological or biomedical company. This work will consist of an original research work or a project of activities in a biotechnological or biomedical company. The contents will be suitable to the research line or to the entity or company in which the work will be made. A written composition, resume of the work made, will be presented and defended in public session in front of an evaluation commission. If the work is made in one associated company, it will describe the work made by the student in this company, always related with the contents of the Master.



## 4. COURSE DESCRIPTION AND TEACHING METHODOLOGY

Methodology and activities \*

Activity 1. Literature review. Attended hours: 1. Self-work hours: 49. Total hours: 50. ECTS Credits: 2.

Activity 2: Experimental work. Attended hours: 18. Self-work hours: 157. Total hours: 175. ECTS credits: 7.0.

Activity 3: Elaboration of written manuscript. Attended hours: 0. Self-work hours: 100. Total hours: 100. ECTS credits: 4.

Activity 4: Public presentation. Attended hours: 1.0. Self-work hours: 49. Totals hours: 50. ECTS credits: 2.

\* The distribution of hours is approximate and can be changed to adapt to the specificity of the work.

Students with special educational needs should contact the Student Attention Service (Servicio de Atención y Ayudas al Estudiante) in order to receive the appropriate academic support

## 5. ASSESSMENT METHODOLOGY

Evaluation system

Aspect 1. Written manuscript. Criteria: 1) Presentation, 2) Clarity, 3) Scientific rigour, 4) Attainment of the different sections of the presentation. Instrument of evaluation: written manuscript \*\*. Percentage: 40 %.

Aspect 2. Oral presentation. Criteria: 1) Clarity, 2) Depth of knowledge obtained, 3) Scientific rigour. Instrument of evaluation: Oral presentation\*\*\*. Percentage: 20%.

Aspect 3: Public defense. Criteria: 1) Quality, 2) depth, and 3) security in the answers. Instrument of evaluation: Answer to the commission's requests. Percentage: 20%.

Aspect 4: Inform valued by the Project End Master supervisor. Criteria: 1) Ability in the use of protocols, instruments, techniques and laboratory equipments, 2) Safety use, 3) Capacity of processing, treatment, preparation and discussion of the results, 4) Carry out schedule and work, 5) Ability for lab work organization, 6) Autonomy, 7) Integration capacity and equipment work, 8) Ethics in own work. Percentage: 20%.

\*\* The student will make an original research work that would be presented as a written composition and would be defended in a public session in front of an evaluation commission. The written composition will be adjusted to the master regulation.

\*\*\*Each student will have a maximum time of 15 min to make the oral presentation. The maximum time for make the questions and discussion with the evaluation commission will be of 10 min.

The system of marks followed the established in the RD 1125/2003 of 5 of September.



## 6. BOOKLIST

### MAIN BOOKLIST:

\* Manuscripts published in scientific journals. Edition: -. Author: -

### ADDITIONAL BOOKLIST:

\* Manuscripts published in scientific journals. Edition: -. Author: -