

27023 - Undergraduate Dissertation

Syllabus Information

Academic Year: 2019/20

Subject: 27023 - Undergraduate Dissertation

Faculty / School: 100 -

Degree: 453 - Degree in Mathematics

ECTS: 10.0

Year: 4

Semester: Second semester

Subject Type: End of Grade Dissertation

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 aim of the Dissertation is to enable students to apply and develop a range of skills and competences acquired throughout the Degree. Students are expected to show their competence in planning, writing and defending a piece of research on a topic. This process is mainly based on the student's autonomous work but his/her progress will be supervised by a supervisor in tutorials throughout the academic year.

4.2.Learning tasks

The student is expected to attend an induction section in which guidelines for initial dissertation preparation will be provided. To prepare the dissertation draft, the student is expected to engage in autonomous work (use of the library, reviewing the literature, writing the draft of the dissertation and revising the draft). Additionally, the student can set up regular appointments for office hour consultation.

The Undergraduate Dissertation in Mathematics must be written using LaTeX. To help the students to achieve the necessary skills, an introductory course to LaTeX will be offered.

4.3.Syllabus

Topics will be available after the different departments have approved the different proposals (read Course planning and calendar).

4.4.Course planning and calendar

- From mid-June until the first week of September, the Departments related to the Degree in Mathematics will present topic proposals for the Undergraduate Dissertations. Those proposals have to be approved by the CGC (Quality Assessment Committee) and around mid-September, the approved proposals will be announced. The CGC will guarantee that the number of proposals and the variety of subjects are suitable.
- An assignment process will follow. At the end, each student must have signed a commitment with a teacher who will assist the student to understand the proposal, find the relevant bibliography and get the necessary skills to perform the task. The student will be supervised by that teacher during the whole process.
- Detailed policies for Undergraduate Dissertations in Mathematics can be found at the Facultad de Ciencias webpage.

For further information concerning the timetable, office hours, assessment dates and other details regarding this course please refer to the Faculty of Sciences website and Moodle.

4.5.Bibliography and recommended resources