

## 25510 - Formal logic

### Syllabus Information

**Academic Year:** 2020/21

**Subject:** 25510 - Formal logic

**Faculty / School:** 103 - Facultad de Filosofía y Letras

**Degree:** 269 - Degree in Philosophy  
587 - Degree in Philosophy

**ECTS:** 6.0

**Year:** 2

**Semester:** First semester

**Subject Type:** Compulsory

**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

See "Learning tasks " and "Syllabus".

More information will be provided on the first day of class.

#### 4.2.Learning tasks

This 6 ECTS course includes the following learning tasks:

- Lectures.
- Practice sessions.
- Autonomous work and study.
- Assessment tasks.

#### 4.3.Syllabus

The course will address the following topics:

##### *Section I. Semantics and Metalogic*

- Topic 1. Propositional Logic

- Topic 2. Predicate Logic
- Topic 3. Introduction to Metalogic

#### *Section II. Philosophy of Logic*

- Topic 4. Validity
- Topic 5. Logical Connectives
- Topic 6. Quantifiers
- Topic 7. Singular Terms
- Topic 8. Truth

#### **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 Philosophy and Arts website (academic calendar <http://academico.unizar.es/calendario-academico/calendario>, timetable <https://fyl.unizar.es/horario-de-clases#overlay-context=horario-de-clases>; assessment dates: <https://fyl.unizar.es/calendario-de-examenes#overlay-context=>)

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