**Course Title**
INTRODUCTION TO MATERIALS CHARACTERIZATION

**Course Description**
Study of the theory and practice of microcharacterization techniques, including optical microscopy, thermal analysis, electron beam diffraction, and x-ray and photon-induced interactions. Discussion of complementary surface analysis techniques. Identification of the most suitable characterization techniques for functional and nanostructured materials.

**Credit Hours**
3

**Course Options**
- Exchange: No
- Special Topic: No
- Type: Normal
- Offering Semester: Always
- Students can take this course multiple times: No

**Grading Schema**
Passing Grade: D

**Requisites**
INGE 3045 ó INGE 4001 ó INME 4107 or authorization of the Director of the Department.

**Course Syllabus**