
COURSE: Analysis of Drugs II

ACADEMIC YEAR:2016/2017

TYPE OF EDUCATIONAL ACTIVITY: (Basic, Characterizing, Affine, Free choice, Other :)Characterizing

TEACHER: Saturnino Carmela

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Language: italiano

ECTS: (lessons e
tutorials/practice): 12**n. of hours:** (lessons e
tutorials/practice): 124**Campus:** Potenza/Matera
Dept./School: Potenza
Program:**Semester:** II

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The aim is to apply the basic and advanced concepts of qualitative chemical analysis both by chemical reactions and by chemical-physical structural studies.

PRE-REQUIREMENTS

depth knowledge of organic chemistry.

SYLLABUS

qualitative analysis of the main inorganic drugs, organic and organo-mineral found in the Italian Official Pharmacopoeia FUI. Recognition of the functional groups (for organic drugs); solubility tests in various kinds of solvents, mixtures of separations. chemical-physical analyzes.

TEACHING METHODS

hours of lectures held by the teacher and hours of single-spot practical exercises (in the case of laboratories), possibly with the same teacher.

EVALUATION METHODS The exam is done through a written test consisting of 1) the distribution of a questionnaire with open questions. The questionnaire must be completed within one hour of time. The questions will have as their object matters concerning the course program.

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL They will be shown at the beginning of the course

INTERACTION WITH STUDENTS

any book as long as it conforms to the programe

EXAMINATION SESSIONS (FORECAST)¹

21.06.2017; 3.07.2017; 25.07.2017; 11.10.2017; 7.11.2017; 4.12.2017

SEMINARS BY EXTERNAL EXPERTS YES X ☐ NO ☐

FURTHER INFORMATION

¹ Subject to possible changes: check the web site of the Teacher or the Department/School for updates.