

COURSE: CHIMICA ANALITICA II (Analytical Chemistry II)

ACADEMIC YEAR: **2017-2018**TYPE OF EDUCATIONAL ACTIVITY : **Characterizing**

TEACHER: prof. dr. Antonio Guerrieri

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Language:italian

ECTS: 6
(2 of lessons)Number of hours: 48
(48 of lesson)Campus: **Potenza**
Dept./School: **Dipartimento di
Scienze**
CdS: **CHIMICA(L27)**Semester: **II**
(expected dates of
course from
**05/03/2018 to 15-30/6/
2018**)

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The knowledge of fundamentals in analytical chemistry is the main goal of this unit. An introduction on the main instrumental techniques in analytical chemistry will be given as well.

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PRE-REQUIREMENTS

- **attendance of lectures: HIGHLY suggested**
- **preparatory exams: mathematics, general chemistry, physics**

SYLLABUS

Spectroscopy. Emission. Absorption. Fluorescence.
Instrumentation in spectroscopy.

TEACHING METHODS

- Lectures.

EVALUATION METHODS

Oral examination

TEXTBOOKS AND ON LINE EDUCATIONAL MATERIALS

- Lectures notes; lesson slides
- **FONDAMENTI DI CHIMICA ANALITICA.** Skoog, West, Holler. EdiSES, Napoli.
- **ANALYTICAL CHEMISTRY,** G.D. Christian, 5th Ed. Wiley

INTERACTION WITH STUDENTS

Conventional approaches (e.g. student welcome) as well as internet ones (e.g. email) for discussion and deepening of lectures

TImetable for student welcome

DAY	FROM	TO	LOCATION
MONDAY	17.30	20.30	Professor Office
TUESDAY	17.30	20.30	Professor Office
WEDNESDAY	17.30	20.30	Professor Office
THURSDAY	15.00	18.00	Professor Office

CALLS FOR EXAMINATION (exact date to be defined)

Month	Year	Expected Call
February	XXXX	XXXXX
March	2018	14, 28
June	2018	13
July	2018	11
September	2018	26
October	2018	24
Dicember	2018	19

Examination Panel:

President prof dr Antonio Guerrieri

Member prof.ssa Anna Maria Salvi

Member dr.ssa Rosanna Ciriello

Member dr. saa Giuliana Bianco

SEMINARS BY EXTERNAL EXPERTS YES NO

FURTHER INFORMATION
