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**COURSE:** Chemistry and Chemical Industrial Technology

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**ACADEMIC YEAR:**2017/18

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**TYPE OF EDUCATIONAL ACTIVITY:** Free choice

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**TEACHER:** Prof. Rachele Pucciariello

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e-mail: rachele.pucciariello@unibas.it

website:

phone:

mobile (optional):

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Language: Italian

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ECTS: (lessons e  
tutorials/practice)  
6  
(4 lessons and 2  
tutorials/practice)n. of hours: (lessons e  
tutorials/practice)  
48  
(32 lessons and 24  
tutorials/practice)Campus: Potenza  
Dept./School:ScienceSemester: II

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**EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES**

- Aim of the course is to give the students a sufficient knowledge on the synthesis, processes of industrial production and processing and general properties of the industrially interesting polymeric materials.
  - At the end of the course the student will have to be able to recognize the main properties of thermoplastic and thermoset polymers, of polymer composites and elastomers, and their main synthesis and transformation processes.
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**PRE-REQUIREMENTS**

To attend the course, students must have passed the exam of Macromolecular Chemistry.

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**SYLLABUS**

Polymeric materials of industrial interest: properties, synthesis, industrial production and processing.

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**TEACHING METHODS**

Theoretical lessons, tutorials and/or practice

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**EVALUATION METHODS**

Oral examination

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**TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL**

Material furnished by the teacher

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**INTERACTION WITH STUDENTS**

The students will have to contact the teacher by email or WA to get an appointment

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**EXAMINATION SESSIONS (FORECAST)<sup>1</sup>**

15/3/18, 22/3/18, 29/3/18, 28/6/18, 5/7/18, 18/10/18, 24/10/18

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**SEMINARS BY EXTERNAL EXPERTS** YES  NO **FURTHER INFORMATION**

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