

Course title: **Chemistry of natural raw materials**

Institute/Division: **FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY**

Number of contact hours: **45 hours** (15 h lectures & 30 h laboratories)

Course duration: 1 semester (7th semester of regular I cycle studies - fall)

ETCS credits: **3**

Course description: Lectures will cover material about compounds of natural origin showing biological activity, their natural connection groups and more important information concerning natural compounds that have been used in medicine and cosmetic industry.
Laboratories will prepare students to use laboratory techniques allowing the isolation of chemical substances with natural resources and analyzing them.

Education effects :

- knowledge : students will poses knowledge about natural connection groups of biologically active compounds, they will learn about natural compounds used in medicine, pharmacy and cosmetics.
- skills: the ability to use laboratory techniques to isolate chemical substances from natural raw materials
- social: student is able to work independently and in the group when solving the problems related to natural chemical compounds.

Literature: Notes from lectures / materials delivered on classes.

Assessment method: Final test - exam, presence on lectures.

Prerequisites: Basic course on general, inorganic and organic chemistry.

Primary target group: Students from all specialties

Lecturer: **dr inż. Elwira Lasoń**

Contact person: dr inż. Elwira Lasoń

Remarks: The course is regular