

Course title: **Modern polymeric materials – selectable course**

Institute/Division: **FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY / Engineering of Technological Processes**
Erasmus subject code: WITCh ICHIP oIIS B1
Number of contact hours: 15 hours (15h seminars)
Course duration: 1 semester (fall)
ETCS credits: **2**

Course description: Introduction of basic definitions and information regarding polymeric materials. Oral presentations on synthesis, properties and application of selected polymeric materials including solid and porous polymers, materials with specific properties for special applications.
Seminar content: A general introduction to polymers, basic terminology and definitions, their classification and applications / Oral presentations on synthesis, properties and application of selected polymeric materials including solid and porous polymers, materials with specific properties for special applications.

Literature: Cowie J.M.G., Arrighi V. — Polymers: Chemistry and Physics of Modern Materials, USA, 2008, CRC Press

Assessment method: **Final test / presentation**
Prerequisites: **Basics on general and organic chemistry**
Primary target group: **All students**

Lecturer: A.Prociak, Prof. PK.
Contact person: A.Prociak, Prof. PK., e-mail: aprociak@pk.edu.pl

Deadline for application: **30th of August**
Remarks: **Selectable course – runs if chosen by entire group of students or more than 5 Erasmus students select it**