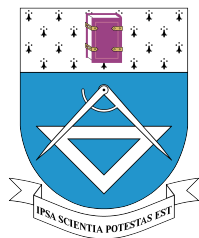


Faculty of Chemical Engineering and Environmental Protection



"Gheorghe Asachi" Technical University of Iasi



Chemical engineering

Polymeric biomaterials and bioresources





Why?

Polymeric biomaterials and bioresources is a Master degree program addressing to graduate students (Bachelor degree level) and practicing engineers, willing to learn and specialize into bioresource engineering, especially for conversion of bioresources to fuels, high interest biocompatible materials or chemical substances.

Polymeric biomaterials and bioresources

Am I going to like it?

- ✓ General view regarding the use of bioresources for conversion to energy, chemical substances and materials, cellulose and paper
- ✓ Understanding the processes of bioconversion, control of production and processes, development of creative solutions in this field
- ✓ Getting work skills for research in the field of biopolymers and bioresources
- ✓ Training programs focused on advanced, modern and complex methods and techniques for materials characterization

Strengths

- Special attention is also paid to biomaterials, composites, functionalized polymers and smart materials
- Academic staff involved in this program has a widely recognized scientific expertise, both at national and international level, proved by the active participation in numerous national and international research programs
- Both teaching and research laboratories are highly equipped

Job opportunities

Go further by continuing studies in a doctoral program in one of these fields: chemical engineering, medical engineering, materials science and nanomaterials. Research.

Higher education or upper secondary education system Industry (natural and synthetic polymers, cellulose and paper, chemical engineering and other related fields). Consulting, project management.

Admission Info

General information

Duration of program: 2 years, 120 credits

Admission on the grade average at the Bachelor level degree

Offering student housing on University campus