



Master Programs

# Chemical Engineering

2020 - 2021



## **Biomaterials for tissue engineering**

Faculty of Engineering in Foreign Languages

The program directly addresses the staff working in the fields of materials engineering, regenerative medicine, development of prosthetic devices, biochemistry, pharmacy, and all those interested in the vast field of medical engineering and biomaterials for applications in tissue regeneration.

**Contact person:**

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## **Advanced Materials Processing and Design**

Faculty of Engineering in Foreign Languages

The master program brings together basic and applied sciences disciplines. The structure of the study plan is especially developed to assure one semester of mainly basic disciplines while the most of the second semester of the first year is devoted to the main processing techniques to manufacture 0-3D materials according to their envisaged applications.

This program aims to combine chemistry, engineering, materials science with biomedical, environmental, energy, electric or electronic applications.

**Contact person:**

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## **Smart Polymers and Biopolymers**

Faculty of Applied Chemistry and Materials Science

Smart Polymers and Biopolymers (SPB) program focuses on the companies demands from the industry of polymers and biopolymers. These refer to novel fabrication techniques for polymer products such as: advanced polymer membranes, special adhesives with higher lifetime, conductive materials with specific properties for each substrate, innovative processing methods for thermoplastics in automotive and electrochemical industry, polymeric nanomaterials with carbonic content etc.

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