

DEPARTMENT OF COMPUTATIONAL MECHANICS AND ENGINEERING
MECHATRONIC SYSTEMS ENGINEERING (study in English)



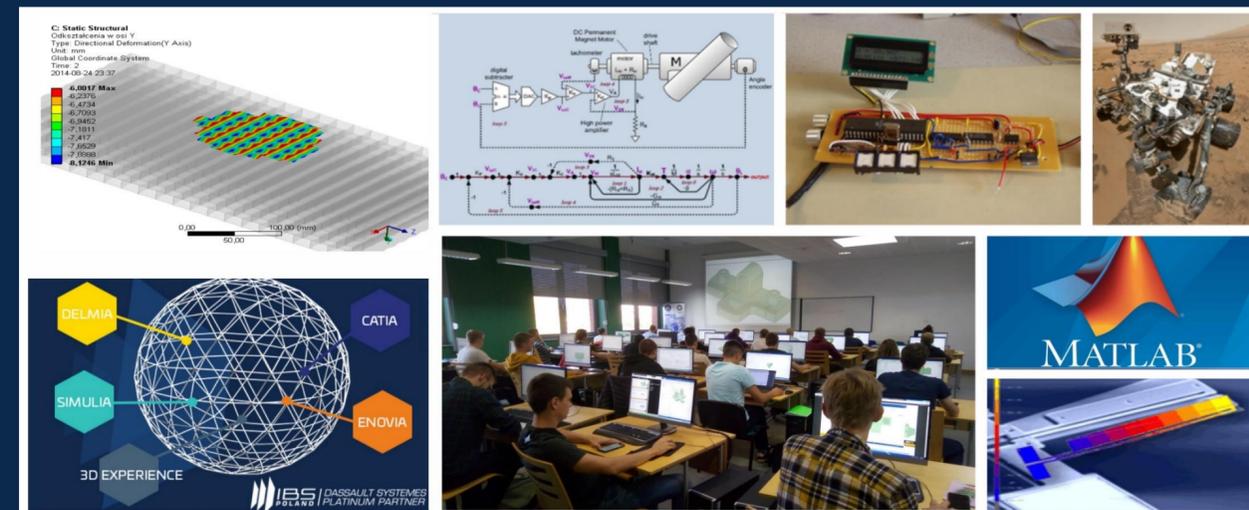
Profile of the course

The course is interdisciplinary and its graduates receive profound knowledge in the field of mechanics, computer science and electronics. The course is realized in cooperation with the IBS POLAND Ltd.



Why should you enrol in ME8 course?

The ME8 course allows gaining knowledge and skills in designing, constructing and manufacturing of mechatronic systems. The emphasis is placed on issues related to the design and implementation of mechatronic systems, programming and engineering simulations. Furthermore, there are active Student Scientific Societies in the Department, well known to most students of the Faculty. The Student Scientific Society of Computer Methods organizes an annual conference with the possibility of publishing articles in conference proceedings. In contrast, the Student Scientific Society PolSL Racing is known for building cars and motorcycles that are successful in international competitions.



(ME8)



Programme

Choosing ME8, you will study, among other things, issues from the following fields: systems theory and engineering, computational intelligence, programming for industry, numerical computational methods, implementation of mechatronic systems, mechatronic product development methods, product life cycle management, simulation and decision-making methods and other system analysis methods.

Additionally, the patron of the course offers certified courses of products from the Dassault Systems portfolio with training materials. IBS Poland Ltd. supports the Student Scientific Societies and student conferences. The company also offers internships with the possibility of subsequent employment for the best students, participation in industry conferences, student's licenses of full versions of the 3DEXPERIENCE platform and real contacts with IBS Poland partners from the automotive, aerospace and other industries.



Graduate profile and employment perspectives

Due to the acquired practical skills and an excellent theoretical background, the graduates can easily find employment in the following sectors: the automotive, aviation or machinery companies, consumer goods businesses, design offices, research and development institutions, companies involved in the implementation of CAD/CAM/CAX/PLM systems and the research and development facilities of medium and small enterprises.

CONTACT and MORE INFORMATION

<http://www.icme.polsl.pl/ME8.html>

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