

A European Master In Engineering Rheology - EURHEO

Univerza v Ljubljani
Fakulteta za strojništvo



Universidad
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A GATEWAY TO EUROPEAN KNOWLEDGE AND EDUCATION

Visit top European Universities
and obtain a European Master's Degree
in Engineering Rheology

Rheology is an interdisciplinary science which is concerned with the behaviour of matter under thermo-mechanical loading. It links together fields such as mathematics, physics, chemistry, molecular biology, chemical engineering and technology, mechanics, mechanical engineering, textile technology, and food technology.

A **rheologist** is an expert in rheology who is capable of solving real and industrial problems in the field of polymer processing, construction using non-metallic materials, tribology, lubrication, food processing, printing and many other technologies.

When dealing with engineering problems, **rheologists** use knowledge about materials and technologies which is based on the principal theoretical concepts of statics, kinematics, conservation laws and constitutive relations, as well as on practical experience, gained during the study period through research and development projects on real industrial problems.

The Erasmus Mundus EURHEO Master's Study programme provides:

- an integrated market-oriented programme aimed at research and product development in both industry and research institutions such as Universities and R&D institutes
- interdisciplinary and culturally heterogeneous surroundings
- an opportunity for the students to be in contact with an international group of supervisors
- practical experience, including the solving of real engineering problems individually and also within interdisciplinary and culturally heterogeneous research teams
- multiple degrees

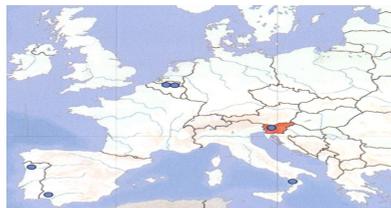
EURHEO combines the expertise of six leading European Universities in the field of rheology. The call for Applications for its 3rd edition (2010/2011) is now open. Students from the European Union can apply for Category B Erasmus Mundus scholarships. Visit the EURHEO website – www.eurheo.eu – for details about scholarships and for on-line application.

Duration of studies: 120 ECTS, or 2 academic years.

Admission criteria: A good-quality undergraduate degree with a minimum of 180 ECTS credits or equivalent qualifications in relevant areas such as Engineering, the Exact Sciences and the Natural Sciences.

Erasmus Mundus is a European Community programme which stimulates and enhances co-operation and mobility in the field of higher education. It also promotes the European Union as a centre of excellence in learning around the world. The Erasmus Mundus programme supports European top-quality Masters courses.

More information about the Erasmus Mundus programme can be found at the website of the European Commission for Education and Training.



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Portugal – University of Minho,
Belgium – Catholic University of Louvain
and Catholic University of Louvain,
Spain – University of Huelva,
Italy – University of Calabria,
Slovenia – University of Ljubljana

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