Funded by the European Union

Erasmus Mundus Joint Master in Sustainable Mineral and Metal Processing Engineering

EMJM-PROMISE

The master programme EMJM-PROMISE is funded by Erasmus + and EU and organized by four leading universities in mineral processing and mining engineering in Europe and South America. The two year 120 ECTS Master's programme is entirely taught in English. The programme is dedicated to students holding a bachelor's degree in the field of mineral processing or related fields.



PROMISE is based on a series of four modules taught at each participating university:
MODULE 1: Mineral Processing Value Chain (University of Oulu)
MODULE 2: Industrial Minerals Processing and Bulk Solids Technology (Montanuniversität Leoben)
MODULE 3: Sustainable Mineral Processing Plant Design and Engineering (University Federico Santa Maria)
MODULE 4: Circular Economy and Recycling (University of Zagreb)

All students of PROMISE spend the first semester in Finland and the second semester in Austria followed by a joint summer school in Leoben after the first academic year. For the third semester student chose an specialization in Croatia or in Chile. In the four semester they write their master thesis in cooperation with industrial partners.

COST & SCHOLARSHIPS:

- Total tuition for Programme Country students: € 6500
- Total tuition for Partner Country students: € 13000
- 21 scholarships are available per year

APPLICATION INFORMATION:

Application period: 05.03.2022 to 31.03.2022
Final decision: 30.04.2022
Programme Start: September 2022
Website and Application: master-promise.eu

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EMJM-PROMISE programme overview

We expect to make the difference with our postgraduates in mineral and metal processing from primary and secondary resources.

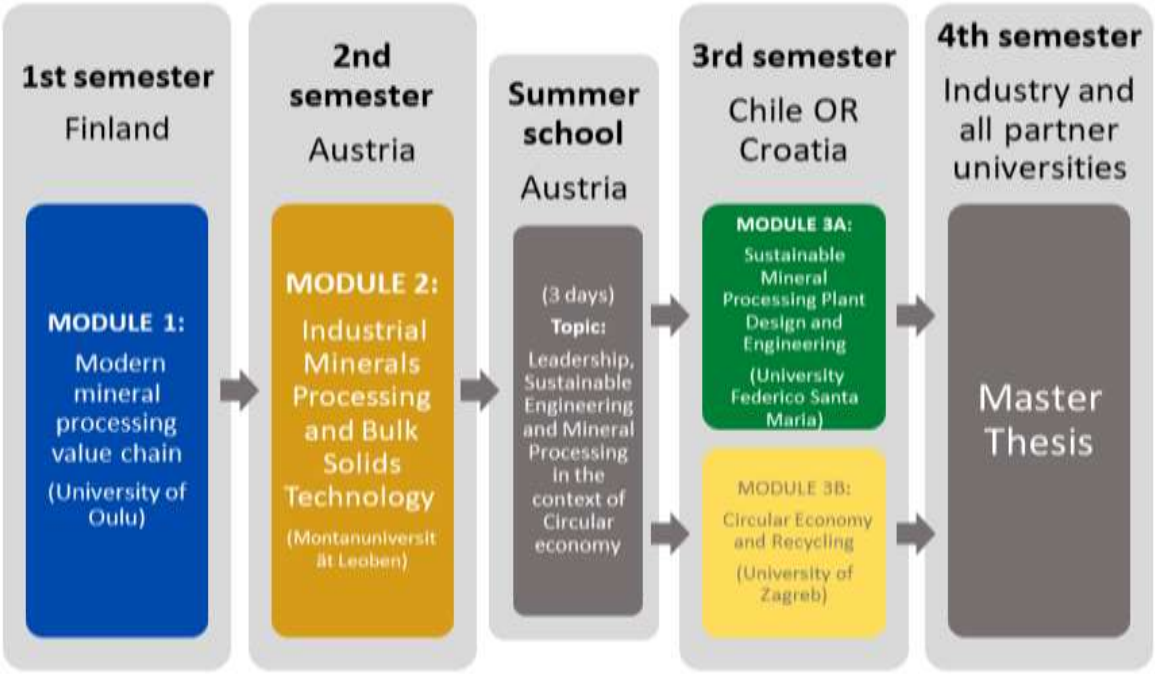
University of Oulu from Finland (UOULU)
University of Zagreb from Croatia (UNIZG)
Montanuniversität Leoben from Austria (MUL)
Universidad Federico Santa Maria from Chile (USM)

OBJECTIVES

EMJM-PROMISE is to train world-class mineral processing engineer postgraduates and future leaders to support the mining sector into a sustainable future.
PROMISE graduates will use their specialized knowledge of chemical and physical properties of minerals as well as mathematical modelling, simulation knowledge in plant design and optimization of unit operations to extract them from their natural ores and anthropogenic sources (by-products, wastes, low grade materials) and maximize production whilst minimizing the overall environmental impact through sustainable practices (such as water and energy saving). PROMISE integrates total resource recovery, recycling, by-product recovery and defensible measures of environmental impacts, particularly the ability to reconcile trade-offs between different social costs and benefits.

PROGRAMME DESCRIPTION

EMJM-PROMISE is based on a series of four modules taught at each participating university:



CONTACTS AND FURTHER INFORMATION:

Application details on the website: https://www.master-promise.eu/
Contact for further questions: info@master-promise.eu

OULU MINING SCHOOL UNIVERSITY OF OULU
MONTAN UNIVERSITÄT LEOBEN
UNIVERSIDAD TECNICA FEDERICO SANTA MARIA
University of Zagreb Faculty of Mining, Geology and Petroleum Engineering
Erasmus+