



Montanuniversität
Leoben

ERASMUS MUNDUS JOINT MASTER

Sustainable Mineral and Metal Processing Engineering

Do you want to make resource engineering sustainable?

Critical raw materials are essential to renewable energy, e-mobility and clean technologies. That's why the Erasmus Mundus Joint Master (EMJM PROMISE) provides you with advanced scientific knowledge combined with practical experience to sustainably meet the demand of raw materials. All while integrating digitalisation and circular economy principles.

You will study at three of four renowned universities in Finland, Austria, Croatia or Chile, gaining expertise in mineral processing, resource characterisation, and the design of environmentally responsible processes.

You will graduate with more than one degree and be equipped for an international career in sustainable resource engineering. Making you a key player in the transformation to a sustainable future.

Move mountains

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MASTER'S PROGRAMME

Sustainable Mineral and Metal Processing Engineering

PROGRAMME STRUCTURE | 120 ECTS

1st Semester (30 ECTS)

Minerals Processing Value Chain	25 ECTS
Electives	5 ECTS

2nd Semester (30 ECTS)

Processing of Industrial Minerals	3 ECTS
Lab-Course on Processing of Industrial Minerals	3 ECTS
Processing of Construction Raw Materials	2 ECTS
Study Trip to Mineral Processing Plants	1 ECTS
Project Study Mineral Processing	3,5 ECTS
Bulk Solids Technology	4 ECTS
Sampling and Homogenization	4 ECTS
Sustainability in the Raw Materials Sector	3 ECTS
Special Mineral Economics	1,5 ECTS
Electives	5 ECTS

3rd Semester (30 ECTS)

Sustainable Mineral Processing Plant Design and Engineering @ University Federico Santa Maria (Chile)	25 ECTS
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Electives	5 ECTS
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or

Circular Economy and Recycling @ University of Zagreb (Croatia)	25 ECTS
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Electives	5 ECTS
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4th Semester (30 ECTS)

Master Thesis	30 ECTS
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For programme details and
registration follow the link.

04/2025