



Montanuniversität
Leoben

MASTER OF SCIENCE IN

Circular Engineering

Do you want to transform the world into a circular economy?

The English-taught master's programme Circular Engineering prepares you to design and implement circular systems that improve resource efficiency and reduce environmental impact.

The four-semester programme covers material flows, sustainable product design and secondary raw material recovery through innovative recycling technologies. You can specialise in Resource Supply (mining, minerals, plant design, process optimisation) or Materials (polymers, metallurgy, materials science, advanced recycling). Both tracks offer options in Business & Logistics and Digital Waste Treatment & Analytics. The programme combines technical expertise with sustainability-driven innovation and concludes with a research-focused thesis.

As a Circular Engineer you are highly sought after in raw material extraction, recycling, manufacturing, and plant design. You will be prepared for a global career in circular economy consultancy, resource management, process optimisation or sustainable materials engineering – as a key player in the transition to a circular economy.

Move mountains

unileoben.ac.at

MASTER'S PROGRAMME

Circular Engineering

PROGRAMME STRUCTURE | 120 ECTS

1st Semester (30 ECTS)

Sustainable Development – Compulsory MUL	30 ECTS
---	---------

Principles of Sustainable Development
Circular Economy & Resource
Management
Life Cycle Assessment & Environmental
Impact
Project Management & Leadership in
Sustainability

2nd & 3rd Semester (60 ECTS)

The tracks for each specialisation are shown below:

Track Resource Supply: Business Management and Logistics, Mining, Minerals, Plant Design and Opti- mization, or Digital Waste Treatment and Analytics	30 ECTS
---	---------

Track Materials: Business Management and Logistics, Polymers, Materials Science, Metallurgy, or Digital Waste Treatment and Analytics	30 ECTS
--	---------

4th Semester (30 ECTS)

Master Thesis	30 ECTS
---------------	---------

For programme details and
registration [follow the link](#).



04/2025