



Montanuniversität  
Leoben

## INTERNATIONAL MASTER OF SCIENCE IN **Sustainable Materials**

Do you want to drive sustainability and innovation?

Solving global challenges in materials management and resource efficiency requires a combination of technical expertise and sustainability principles. That's why the International Master in Sustainable Materials (SUMA) prepares you to lead in engineering, entrepreneurship, and sustainable innovation.

The English-taught dual master's degree programme of the Technical University of Leoben is offered in collaboration with other renowned universities, such as KU Leuven and the University of Trento. The two-year programme focuses on materials processing, recycling, circular eco-design, life cycle engineering, and material substitution, while also emphasizing entrepreneurship and innovation. It offers hands-on experience through internships and close collaboration with industry partners.

By graduating, you earn a dual Master of Science degree, making you highly qualified to excel in industry, research, or policy-making roles – where you will drive sustainability and innovation in the global materials sector.

**Move mountains**

[unileoben.ac.at](https://unileoben.ac.at)

MASTER'S PROGRAMME

## Sustainable Materials

### PROGRAMME STRUCTURE | 120 ECTS

#### 1st year (60 ECTS)

State-of-the-Art material characterization	10 ECTS
High-tech ceramics	5 ECTS
Sustainable metal production	12 ECTS
Simulation & modelling	8 ECTS
Recycling technologies	15 ECTS
Entrepreneurship & innovation	5 ECTS
Electives	5 ECTS

#### 2nd year (60 ECTS)

Sustainable materials management	3 ECTS
Resource recovery	3 ECTS
Engineering and Entrepreneurship	6 ECTS
Engineering Economy	6 ECTS
Innovation management	3 ECTS
Project coordination & management	4 ECTS
Electives	5 ECTS
Master Thesis	30 ECTS

#### Choose between following tracks

TU Leoben + KU Leuven

KU Leuven + TU Leoben

Uni Trento + TU Leoben



For programme details and registration follow the link.

04/2025