



RESPONSIBLE CONSUMPTION AND PRODUCTION

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You are making an effort to separate your waste, use public transportation or your bike and be economical in your water and resources use; but is that enough? Are wondering where all the things around us came from and if we actually need them? How can an economic system work without growth? Our environment is near to your heart and you want to contribute towards preserving and saving it?

With in-depth knowledge about technology and management you will become familiar with responsible production and consumption, and you can make the world a better place.

MONTANUNIVERSITÄT LEOBEN

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Join Montanuniversität Leoben and find more information on admission at the Study Support Center.



BACHELOR'S & MASTER'S STUDIES

RESPONSIBLE CONSUMPTION AND PRODUCTION



BACHELOR'S PROGRAMME

We are training far-sighted generalists: During your studies, you will gain detailed knowledge and through skills in the fields of production and consumption.

We will start with the implementation of basic engineering knowledge and develop business skills on the topic of sustainable development. Building on this knowledge basis, you can spend one or more semesters at one of eight European partner universities.

During your internship you will distinguish yourself as an engineer with a holistic perspective on responsible consumption and production as well as gaining excellent English skills.

CURRICULUM BACHELOR'S PROGRAMME

8 Semester (240 ECTS)

The bachelor's programme Responsible Consumption and Production is taught in English. In addition to that, the partner universities offer courses in their national languages.

All courses and exams from your first academic year will be taken at Montanuniversität Leoben. Courses and exams from the third to the sixth semester can be taken either at Montanuniversität Leoben or at one of the partner universities.

Starting with the third semester, the bachelor's programme teaches in-depth knowledge that will enable you to start your professional work. Requirements for graduating with the degree Bachelor of Science (BSc) are a mandatory internship in the industry sector as well as writing a Bachelor's thesis.

Introductory Mode - Transferable Skills - Introduction to STEM	Fundamentals of Engineering - Chemistry - Mathematics - Physics - Engineering Mechanics
Digital Competences & Statistics Fundamentals - Introduction to Data Modeling - Algorithms and Programming - Statistics	Introduction to Study Programme - Bacc Fundamentals - Do-it Lab Circular Economy - Do-it Lab Circular Engineering - Elective Bacc Fundamentals
Mandatory Courses for the Third to Seventh Semester	
- Modul 1: Engineering Disciplines - Modul 2: Sustainable Development - Modul 3: Primary Raw Materials - Modul 4: Secondary Raw Materials and Recycling - Modul 5: Process Engineering - Modul 6: Materials - Do-it Lab 1/2/3	- Responsible Consumption - Free Electives - Seminar Bachelor Thesis

You can find a list of detailed curricula from all the study programmes available at Montanuniversität Leoben at unileoben.ac.at.

MASTERS' PROGRAMMES

Deepen your knowledge about global developments and pressing challenges with our Master's programme Responsible Consumption and Production – the first university course of its kind in Europe!

The four core pillars of this master's programme offer you a unique perspective and turn you into an expert to be sought after in industry and the public sector.

- Deepen your knowledge of the scientific and engineering principles of circular economy and materials handling systems on the production side; including advanced concepts, approaches to sustainability and assessment methods and their application.
- Delve into the world of societal behaviours on the consumer side; including the psychological, social and economic aspects of buying and consuming, corporate and consumer ethics and social responsibility.
- Specialise in one of four areas: materials science, primary raw materials, secondary raw materials and recycling or processing technology.
- Consolidate your other skills and your personal abilities: critical thinking, creativity and innovation, intercultural competence, team leading and excellent English skills.

As graduate with your knowledge of planetary boundaries and principles of the circular economy, you will make an important contribution to the Green Transition.

FIELDS OF WORK

You can choose from a wide range of career possibilities, working as a far-sighted advisor with interdisciplinary knowledge in technology and sciences for companies from all economic sectors such as mining, economics, service companies, NGOs and politics. You are technically and commercially savvy and bring a wide European network to the job. Bit by bit, you and your colleagues will contribute to making this a better world.