



MONTAN
UNIVERSITÄT
WWW.UNILEOBEN.AC.AT

FACTS & FIGURES

Update: October 2011



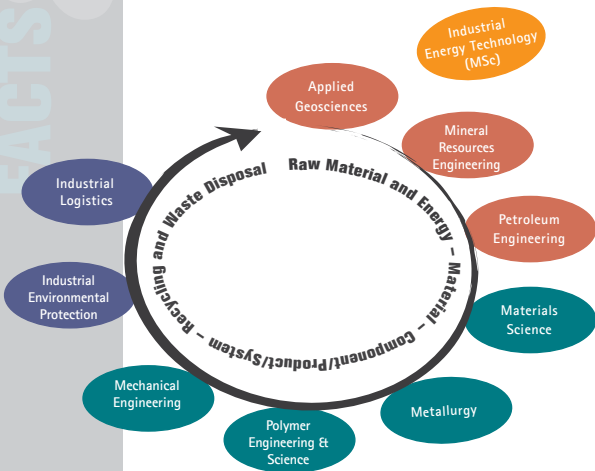
ADDED VALUE FOR THE FUTURE

The Montanuniversität Leoben has defined its central fields of research as Mineral Resources, High Performance Materials and Sustainable Production and Technology. Their respective focal points are as follows:

- mining and extraction, deposit modelling, system dynamics of geogenic resources, stone and building materials (Mineral Resources)
- nano-structured materials, nano-composites, electro-ceramics, surface technology (High Performance Materials)
- production and manufacturing, metallurgical processes, greenhouse-gas-neutral processes, re-use of contaminated sites, recycling (Sustainable Production and Technology).

To be able to stand their ground in a competitive field with critical mass and synergies, these fields of research are being boosted by the involvement of a number of organisational units in internal university research clusters and partners from industry and science in domestic and international research networks.

STUDY PROGRAMMES



All study programmes offer a bachelor's degree after 7 semesters and a master's degree after 3 or 4 semesters. Putting the Bologna process into practice, the last two traditional diploma programmes, Mining and Metallurgical Machinery and Materials Science, have been switched over to bachelor's and master's degrees in October 2011.

ADVANCED LEVEL

Continuing education is extremely important in the technical field. Technology develops so fast that it is not enough to simply complete a one-off degree or training course. Life-long learning is indispensable.

POSTGRADUATE COURSES

Further information about all our postgraduate programmes can be found at <http://weiterbildung.unileoben.ac.at>

■ **MBA in Generic Management**

4 semesters part-time; course languages: German and English
Qualification: MBA degree (Master of Business Administration)

■ **Product Development Course**

3 semesters part-time; course language: German
Qualification: postgraduate certificate

■ **Quality Management Course**

3 semesters part-time; course languages: German and English
Qualification: postgraduate certificate, title of "Professional Quality Manager"

■ **Quality Assurance in Laboratory Course**

5 modules; course language: German
Qualification: postgraduate certificate

■ **Recycling Course**

3 semesters; course languages: German or English
Qualification: "Academic Recycling Engineer"

■ **Sustainability Management Course**

3 semesters part-time; course languages: German and English
Qualification: postgraduate certificate, title of "Professional Sustainability Manager"

■ **New Austrian Tunnelling Method Course (NATM)**

4 or 6 (for master's degree) semesters in blocks, 1 semester for thesis; course language: English
Qualification: "Academic NATM Engineer" or "Master of Engineering"

■ **International Mining Engineer Course**

4 semesters part-time; course language: English
Qualification: "Academic International Mining Engineer"

■ **Blasting Engineering Course**

10 days; course language: German
Qualification: certificate blasting permit (opportunity to gain a blasting permit for general and deep borehole blasting)

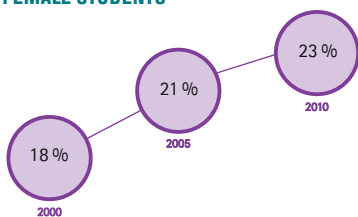
BEGINNERS

Field of Study	2008/09	2009/10	2010/11
	Total/ Women	Total/ Women	Total/ Women
Mineral Resources Engineering (BSc)	28/6	36/8	34/6
Mineral Resources Engineering (MSc)	13/3	10/4	15/2
Petroleum Engineering (BSc)	54/7	47/9	51/7
Petroleum Engineering (MSc)	11/2	15/4	23/1
Metallurgy (BSc)	42/4	42/12	41/6
Metallurgy (MSc)	13/1	13/0	3/0
Mining and Metallurgical Machinery	31/4	32/3	29/3
Materials Science	46/13	33/8	45/13
Polymer Engineering and Science (BSc)	51/15	38/8	36/10
Polymer Engineering and Science (MSc)	9/2	20/5	10/5
Applied Geosciences (BSc)	41/12	38/12	34/12
Applied Geosciences (MSc)	0	6/3	4/1
Industrial Environmental Protection (BSc)	68/34	49/14	48/20
Industrial Environmental Protection (MSc)	15/5	12/2	10/5
Industrial Logistics (BSc)	64/16	60/16	48/22
Industrial Logistics (MSc)	14/4	7/1	16/4
Industrial Energy Technology (MSc)		8/0	12/2
Doctorates (Dr.mont.)	42/7	34/6	60/12
TOTAL	542/135	500/115	519/131

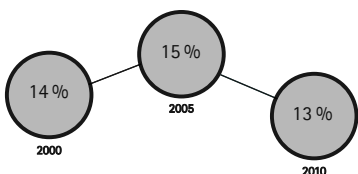
GRADUATIONS

Field of Study	2007/08	2008/09	2009/10
	Total/ Women	Total/ Women	Total/ Women
Mineral Resources Engineering (BSc)	14/3	16/2	11/4
Mineral Resources Engineering (MSc)	5/2	7/2	19/2
Mine Surveying	2/2	1/0	1/0
Petroleum Engineering (BSc)	8/2	20/5	26/2
Petroleum Engineering (MSc)	28/5	13/3	25/6
Metallurgy (BSc)	12/0	25/3	19/1
Metallurgy (MSc)	9/3	21/1	20/3
Ceramics	2/0	0	1/1
Mining and Metallurgical Machinery	10/0	7/0	21/1
Materials Science	24/4	18/5	21/5
Polymer Engineering and Science (BSc)	16/3	37/7	25/8
Polymer Engineering and Science (MSc)	13/2	20/2	39/8
Applied Geosciences (BSc)	8/6	9/3	9/6
Applied Geosciences (MSc)	9/3	7/6	12/6
Industrial Environmental Protection (BSc)	27/12	22/6	28/10
Industrial Environmental Protection (MSc)	19/7	28/10	25/10
Industrial Logistics (BSc)	16/5	9/2	15/5
Industrial Logistics (MSc)	6/2	3/0	14/3
Doctorates (Dr.mont.)	53/10	45/10	48/5
TOTAL	281/72	308/67	379/86

FEMALE STUDENTS



FOREIGN STUDENTS



BUDGET

REVENUE	2010 in EUR	2009 in EUR
Basic federal budget	40.115.000	38.030.000
Tuition fees	2.355.000	1.997.000
Income from contractual work*	21.709.000	19.819.000

* Including income under § 26

STAFF

(Reference date 31.12.2010, including external teaching and part-time employees, head count)

Academic Staff	692
Professors	44
Assistant Professors and Junior Scientific Staff	648
↳ Lecturers (Ao.Univ.Prof.)	27
↳ Associated Professors (Assoz.Prof.)	5
↳ Assistant Professors (Ass.Prof.)	10
↳ funded by research projects	267
Non-academic staff	360
↳ funded by research projects	73

TOTAL

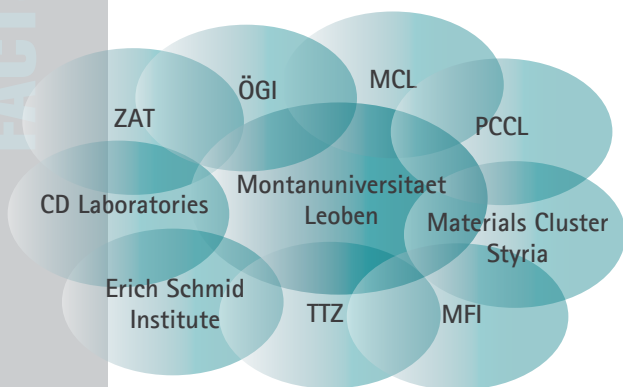
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RESEARCH PROJECTS

REVENUE	2010 (Euro)	
	completed	current
European Union	273.879	478.982
Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung)	348.225	1.735.537
Industrial Research Promotion (Forschungsförderungsfonds für die gewerbliche Wirtschaft)	36.309	998.374
Competence Center Program	246.615	3.229.065
Christian-Doppler-Laboratories	401.162	1.398.345
Federal Government / provinces / communities	98.097	1.178.878
ÖAW (Austrian Academy of Sciences)	212.780	102.873
Industry	1.135.991	6.358.486
Other Projects	109.947	2.120.793
Life-Long-Learning	665.785	578.833
TOTAL	3.528.790	18.180.167
TOTAL VOLUME	21.708.957	

PUBLIC PRIVATE PARTNERSHIP

The University has a widely branching network of institutions to carry out applied research or to assist with the founding of businesses. These "satellite" institutions keep close contact to the "mother station" Alma Mater Leobensis, but they act in a very independent manner, and they also work closely with business and industry.



MCL: Materials Center Leoben

PCCL: Polymer Competence Center Leoben

Erich Schmid Institut: Cooperation with the Austrian Academy of Sciences

TTZ: Technology Transfer Center

CD Laboratories: Christian-Doppler-Laboratories

ZAT: Center for Applied Technology

ÖGI: Austrian Foundry Institute

MFI: Montanuniversitaet Leoben Forschungs-und Infrastruktur GmbH

IN FOCUS

K2-Centre "Integrated Research in Materials, Processing and Product Engineering" (MPPE):

Overall, 49 academic partners are on board, 34 of whom are based in Austria, the rest being at home in Europe, and the US and Australia. 70 companies are involved in the centre, 47 of which are from Austria, and the remaining 23 from Europe and Canada. The research subjects dealt with in the centre are focused on the value chain, from the synthesis to the finished component, and also observing the behaviour during service.

K1-Centre PCCL:

With more than 35 corporate partners and more than 75 employees, the Polymer Competence Center Leoben GmbH (PCCL) has rapidly developed into a highly regarded international polymer research centre, which benefits from an excellent collaborative relationship between its associate universities (TU Graz and TU Vienna as well as the Montanuniversitaet Leoben) and the polymer industry.

K1-Centre "Advanced Metallurgical and Environmental Process Development":

The project is motivated by increased market demands on metallurgy and environmental protection due to the enormous growth of the global steel industry. In addition to the Montanuniversitaet Leoben, the Johannes Kepler University Linz is involved in academic issues of the centre.

Christian-Doppler-Laboratories:

- Early Stages of Precipitation, Dr. Harald Leitner, Chair of Physical Metallurgy and Metallic Materials
- Localized Corrosion, Prof. Dr. Gregor Mori, Chair of General and Analytical Chemistry
- Optimization and Biomass Utilization in Heavy Metal Recycling, Dr. Jürgen Antrekowitsch, Chair of Nonferrous Metallurgy
- Advanced Process Simulation of Solidification and Melting, Prof. Dr.-Ing. Menghuai Wu, Chair of Simulation and Modeling of Metallurgical Processes
- Application Oriented Coating Development, Prof. Dr. Paul Heinz Mayrhofer, Chair of Physical Metallurgy and Metallic Materials
- Surface Chemical and Physical Fundamentals of Paper Strength, Prof. Dr. Robert Schennach, TU Graz / Prof. Dr. Christian Teichert, Institute for Physics
- Advanced Hard Coatings, Prof. Dr. Christian Mitterer, Chair of Physical Metallurgy and Metallic Materials (expiring)

CONTACT

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