



MONTAN
UNIVERSITÄT
WWW.UNILEOBEN.AC.AT

FACTS & FIGURES

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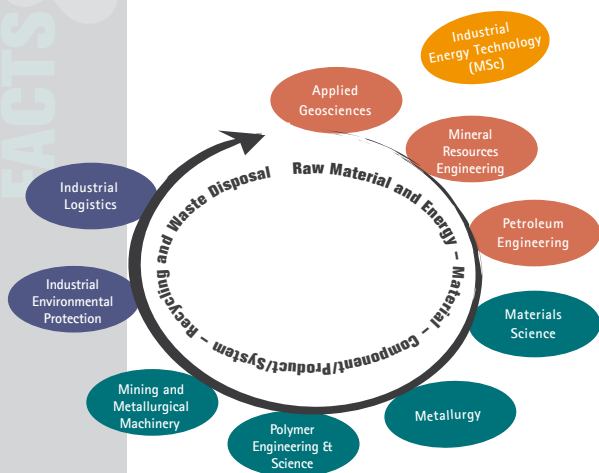
ADDED VALUE FOR THE FUTURE

The University of Leoben has established its core competencies along the value-added chain, from the extraction of raw materials and their preparation, on to the production process, materials development, manufacturing, building components and plants and, last but not least, recycling. In future, a major goal will be to further integrate sustainability in the value-added chain. The scientific foundation of our research profile encompasses the natural, engineering and economic sciences. We are devoted to basic research and applied research at the highest level. As research and teaching form a whole, all study programmes at the University of Leoben are based along the value-added chain. Due to our high standards in teaching and research, the University of Leoben can rightly take its place among leading international universities.

Our core areas in research are in

- Mineral Resources
- High Performance Materials
- Sustainable Production and Technology

STUDY PROGRAMMES



The study programmes "Mining and Metallurgical Machinery" and "Materials Science" are diploma programmes (10 semesters). All others offer a bachelor's degree (after 7 semesters) and a master's degree (after 3 or 4 semesters). The doctoral programme takes 6 semesters. In autumn 2009, the University of Leoben launched its new "Industrial Energy Technology" master's programme.

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

■ MBA in Generic Management

4 semesters; course languages: German and English

Qualification: MBA (Master of Business Administration)

Infos: <http://mba.unileoben.ac.at>

■ Product development course

3 semesters; course language: German

Qualification: Postgraduate certificate

Infos: <http://produktentwicklung.unileoben.ac.at>

■ Quality management course

3 semesters; course languages: German and English

Qualification: Postgraduate certificate

Infos: <http://mba.unileoben.ac.at>

■ Quality assurance in the chemical laboratory course

5 modules; course language: German

Qualification: National certificate

Infos: <http://www.unileoben.ac.at/allgchem/lehrgang>

■ Recycling course

3 semesters; course languages: German or English

Title: Academic Recycling Engineer

Infos: <http://recycling.unileoben.ac.at>

■ Sustainability management course

3 semesters; course languages: German and English

Qualification: Postgraduate certificate

Infos: <http://mba.unileoben.ac.at>

■ New Austrian Tunnelling Method course

4 modules; course language: English

Title: Academic NATM Engineer

Infos: <http://www.natm.at>

■ International Mining Engineer course

4 semesters; course language: English

Title: Academic International Mining Engineer

Infos: <http://weiterbildung.unileoben.ac.at/>

■ Blasting engineering course

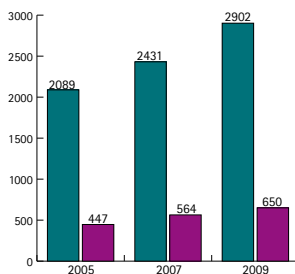
1 modul; course language: German

Qualification: Blasting permit for general and deep borehole blasting

Infos: <http://weiterbildung.unileoben.ac.at/>

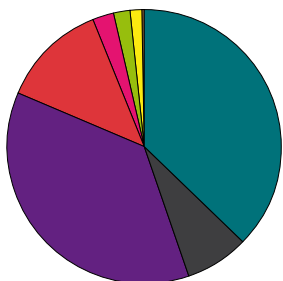
BEGINNERS	2007		2008		2009	
	Total/ Women		Total/ Women		Total/ Women	
Field of Study	Total/ Women		Total/ Women		Total/ Women	
Mineral Resources Engineering (BSc)	33/8		28/6		36/8	
Mineral Resources Engineering (MSc)	4/1		13/3		10/4	
Petroleum Engineering (BSc)	40/10		54/7		47/9	
Petroleum Engineering (MSc)	16/1		11/2		15/4	
Metallurgy (BSc)	39/8		42/4		42/12	
Metallurgy (MSc)	4/0		13/1		13/0	
Mining and Metallurgical Machinery	26/1		31/4		32/3	
Materials Science	55/12		46/13		33/8	
Polymer Engineering and Science (BSc)	54/13		51/15		38/8	
Polymer Engineering and Science (MSc)	2/1		9/2		20/5	
Applied Geosciences (BSc)	43/18		41/12		38/12	
Applied Geosciences (MSc)	5/2		0		6/3	
Industrial Environmental Protection (BSc)	66/31		68/34		49/14	
Industrial Environmental Protection (MSc)	10/3		15/5		12/2	
Industrial Logistics (BSc)	59/23		64/16		60/16	
Industrial Logistics (MSc)	4/1		14/4		7/1	
Industrial Energy Technology (MSc)					8/0	
Doctorates (Dr.mont.)	39/8		42/7		34/6	
TOTAL	499/141		542/135		500/115	
GRADUATIONS	2007		2008		2009	
	Total/ Women		Total/ Women		Total/ Women	
Field of Study	Total/ Women		Total/ Women		Total/ Women	
Mineral Resources Engineering (BSc)	3/1		16/3		15/3	
Mineral Resources Engineering (MSc)	15/3		4/2		11/2	
Mine Surveying	3/1		3/1		0	
Petroleum Engineering (BSc)	15/4		18/5		20/3	
Petroleum Engineering (MSc)	27/4		19/3		18/4	
Metallurgy (BSc)	11/1		19/1		21/2	
Metallurgy (MSc)	16/2		15/2		19/1	
Ceramics	3/1		0		1/1	
Mining and Metallurgical Machinery	10/2		11/0		15/1	
Materials Science	25/4		23/5		20/6	
Polymer Engineering and Science (BSc)	3/1		20/3		43/8	
Polymer Engineering and Science (MSc)	16/2		13/2		25/3	
Applied Geosciences (BSc)	8/5		8/5		10/4	
Applied Geosciences (MSc)	12/7		8/5		6/2	
Industrial Environmental Protection (BSc)	19/8		23/8		30/7	
Industrial Environmental Protection (MSc)	15/4		21/10		25/7	
Industrial Logistics (BSc)	7/2		17/5		15/1	
Industrial Logistics (MSc)	3/1		5/1		8/1	
Doctorates (Dr.mont.)	47/6		52/11		45/6	
TOTAL	258/59		295/73		347/62	

TOTAL AND FEMALE STUDENTS



■ Total
■ Women

FOREIGN STUDENTS



■ EU
■ Non-EU
■ Asia
■ Africa
■ South America
■ North America
■ Australia
■ Stateless

BUDGET

REVENUE	2009 in EUR	2008 in EUR
Basic federal budget	38.030.000	34.858.000
Tuition fees	1.997.000	1.771.000
Income from contractual work*	19.819.000	22.470.000

* Including income under § 26

STAFF

(Reference date 31.12.09, including external teaching and part-time employees, head count)

	2009	2008
Academic Staff	746	706
Professors	39	40
Assistant Professors and Junior Scientific Staff	707	666
↳ Lecturer	36	39
↳ funded by research projects	319	289
Non-academic staff	236	241
TOTAL	982	946

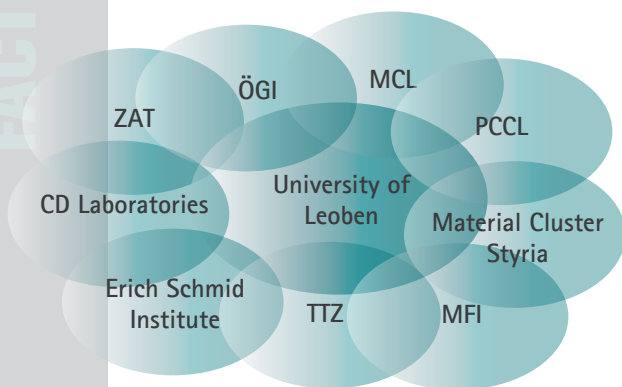
Source: Intellectual capital report 2008, 2009

RESEARCH PROJECTS

REVENUE	2009 (Euro)	
	completed	current
European Union	125.127	996.470
Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung)	186.147	2.056.125
Industrial Research Promotion (Forschungsförderungsfonds für die gewerbliche Wirtschaft)	7.586	1.080.686
Competence Center Program	328.326	3.686.750
Christian Doppler Laboratories	314.628	1.850.603
Federal Government / provinces / communities		363.073
ÖAW (Austrian Academy of Sciences)	113.460	102.535
Industry	1.328.374	5.177.003
Other Projects	27.800	1.653.951
Life-Long-Learning	205.078	215.583
TOTAL	2.636.526	17.182.780
TOTAL VOLUME	19.819.306	

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 Institute: Cooperation with the Austrian Society of Sciences

TTZ: Technology Transfer Center

CD Laboratories: Christian Doppler Laboratories

ZAT: Center for Applied Technology

ÖGI: Austrian Foundry Institute

MFI: Montanuniversität Leoben Forschungs-und Infrastruktur GmbH

IN FOCUS

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

Overall, 44 academic partners are on board, 19 of whom are based at the University of Leoben, the rest being at home in Austria, Europe, and the US. 47 companies are involved in the centre, 36 of which are from Austria, and the remaining 11 from Europe and Canada. The research subjects dealt with in the Centre are focused on the value-added chain, from the synthesis to the finished component, as well as examining the behaviour during use.

K1-Centre PCCL:

At the end of October 2009, the Polymer Competence Center Leoben GmbH (PCCL) was given the go ahead to become a K1 competence centre as part of the COMET top-level research programme. With more than 35 corporate partners and more than 75 employees, the PCCL has rapidly developed into a highly regarded international plastics research centre, which benefits from an excellent collaborative relationship between its associate universities (TU Graz and TU Vienna as well as the University of Leoben) and the plastics 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 University of Leoben, the Johannes Kepler University of Linz is involved in academic issues of the centre.

Christian Doppler Laboratories:

Five CD laboratories are currently in operation at the University:

- Advanced Hard Coatings, Prof. Dr. Christian Mitterer, Chair of Physical Metallurgy and Materials Testing
- Early Stages of Precipitation, Dr. Harald Leitner, Chair of Physical Metallurgy and Materials Testing
- Multi-Phase Modelling of Metallurgical Processes, Prof. Dr. Andreas Ludwig, Chair of Modelling and Simulation of Metallurgical Processes
- Local Corrosion, Prof. Dr. Gregor Mori, Chair of General and Analytical Chemistry

Besides, the University is involved in the following CD laboratory:

- Surface Chemical and Physical Fundamentals of Paper Strength, Prof. Dr. Robert Schennach, TU Graz / Prof. Dr. Christian Teichert, Institute for Physics

CONTACT

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