



**MONTAN**  
**UNIVERSITÄT**  
[WWW.UNILEOBEN.AC.AT](http://WWW.UNILEOBEN.AC.AT)

# **FACTS & FIGURES**

Update: September 2012



## ADDED VALUE FOR THE FUTURE

We are a „global center of excellence“ in our core disciplines

- mineral resources production and processing
- metallurgy
- high-performance materials
- process and product engineering
- environmental technology and recycling

that are complemented by research in the following fields

- energy technology and resources management
- safety engineering and risk management
- mathematics, natural sciences and engineering, and economics.

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.

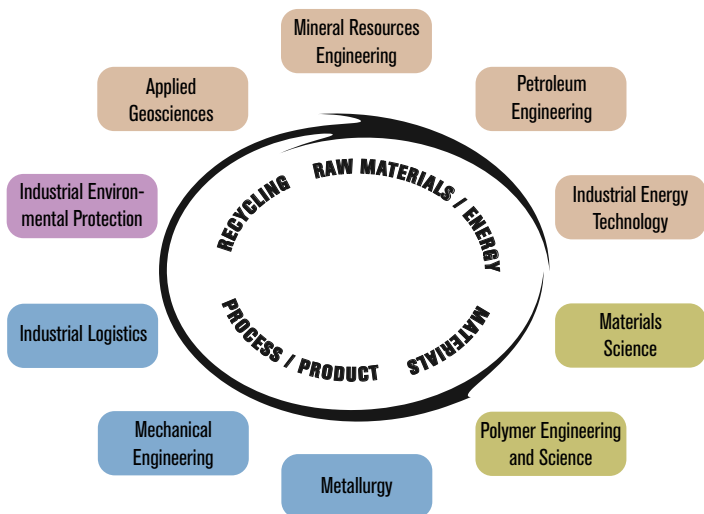
## ADVANCED LEVEL

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.

- MBA Generic Management
- Product Development Course
- Quality Management Course
- Quality Assurance in Laboratory Course
- Recycling Course
- Sustainability Management Course
- New Austrian Tunnelling Method Course (NATM)
- NATM, Master of Engineering
- International Mining Engineer Course
- Blasting Engineering Course
- Resource Management and Recycling, Master of Engineering

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

# STUDY PROGRAMMES



## BACHELOR PROGRAMMES

- Applied Geosciences
- Mineral Resources Engineering
- Petroleum Engineering
- Industrial Energy Technology
- Materials Science
- Polymer Engineering and Science
- Metallurgy
- Mechanical Engineering
- Industrial Logistics
- Industrial Environmental Protection

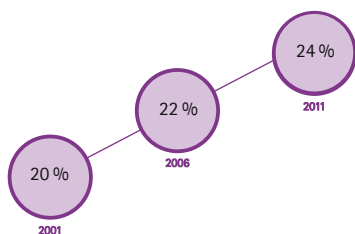
## MASTER PROGRAMMES

- |  |                                       |
|--|---------------------------------------|
| ■ Applied Geosciences                                  | ■ Materials Science                   |
| ■ Mining and Tunneling                                 | ■ Polymer Engineering and Science     |
| ■ Raw Materials Engineering                            | ■ Metallurgy                          |
| ■ Industrial Management and Business Administration    | ■ Mechanical Engineering              |
| ■ International Study Program in Petroleum Engineering | ■ Industrial Environmental Protection |
| ■ Industrial Energy Technology                         | ■ Industrial Logistics                |

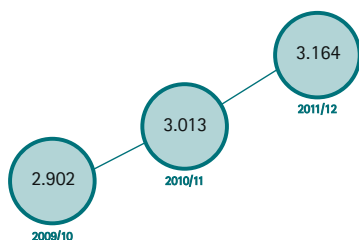
All study programmes offer a bachelor's degree after 7 semesters and a master's degree after 3 or 4 semesters.

BEGINNERS	2009/10	2010/11	2011/2012
	Total/ Women	Total/ Women	Total/ Women
Field of Study			
Mineral Resources Engineering (BSc)	36/8	34/6	41/6
Mineral Resources Engineering (MSc)	10/4	15/2	8/0
Petroleum Engineering (BSc)	47/9	51/7	55/13
Petroleum Engineering (MSc)	15/4	23/1	16/7
Metallurgy (BSc)	42/12	41/6	32/5
Metallurgy (MSc)	13/0	3/0	7/1
Mechanical Engineering	32/3	29/3	28/4
Materials Science	33/8	45/13	44/16
Polymer Engineering and Science (BSc)	38/8	36/10	45/13
Polymer Engineering and Science (MSc)	20/5	10/5	12/3
Applied Geosciences (BSc)	38/12	34/12	45/16
Applied Geosciences (MSc)	6/3	4/1	0
Industrial Environmental Protection (BSc)	49/14	48/20	71/27
Industrial Environmental Protection (MSc)	12/2	10/5	9/5
Industrial Logistics (BSc)	60/16	48/22	60/20
Industrial Logistics (MSc)	7/1	16/4	12/6
Industrial Energy Technology (MSc)	8/0	12/2	6/2
Doctorates (Dr.mont.)	34/6	60/12	56/11
<b>TOTAL</b>	<b>500/115</b>	<b>519/131</b>	<b>547/155</b>
GRADUATIONS	2008/09	2009/10	2010/2011
	Total/ Women	Total/ Women	Total/ Women
Field of Study			
Mineral Resources Engineering (BSc)	16/2	11/4	19/4
Mineral Resources Engineering (MSc)	7/2	19/2	13/3
Mine Surveying	1/0	1/0	0
Petroleum Engineering (BSc)	20/5	26/2	17/4
Petroleum Engineering (MSc)	13/3	25/6	23/3
Metallurgy (BSc)	25/3	19/1	17/3
Metallurgy (MSc)	21/1	20/3	19/1
Ceramics	0	1/1	0
Mechanical Engineering	7/0	21/1	17/2
Materials Science	18/5	21/5	31/4
Polymer Engineering and Science (BSc)	37/7	25/8	20/3
Polymer Engineering and Science (MSc)	20/2	39/8	24/4
Applied Geosciences (BSc)	9/3	9/6	7/1
Applied Geosciences (MSc)	7/6	12/6	9/5
Industrial Environmental Protection (BSc)	22/6	28/10	26/16
Industrial Environmental Protection (MSc)	28/10	25/10	21/4
Industrial Logistics (BSc)	9/2	15/5	30/9
Industrial Logistics (MSc)	3/0	14/3	16/3
Industrial Energy Technology			1/0
Doctorates (Dr.mont.)	45/10	48/5	51/8
<b>TOTAL</b>	<b>308/67</b>	<b>379/86</b>	<b>363/81</b>

## FEMALE STUDENTS



## TOTAL NUMBER OF STUDENTS



## BUDGET

REVENUE	2011 in EUR	2010 in EUR
Basic federal budget	40.284.500	40.115.000
Tuition fees	2.317.000	2.355.000
Income from contractual work*	24.792.000	21.709.000

\* Including income under § 26

## STAFF

(Reference date 31.12.2011, including external teaching and part-time employees, head count)

<b>Academic Staff</b>	<b>747</b>
Professors	46
Assistant Professors and Junior	701
Scientific Staff	
↳ Lecturers (Ao.Univ.Prof.)	24
↳ Associated Professors (Assoz.Prof.)	5
↳ Assistant Professors (Ass.Prof.)	17
↳ funded by research projects	311
<b>Non-academic staff</b>	<b>374</b>
↳ funded by research projects	80

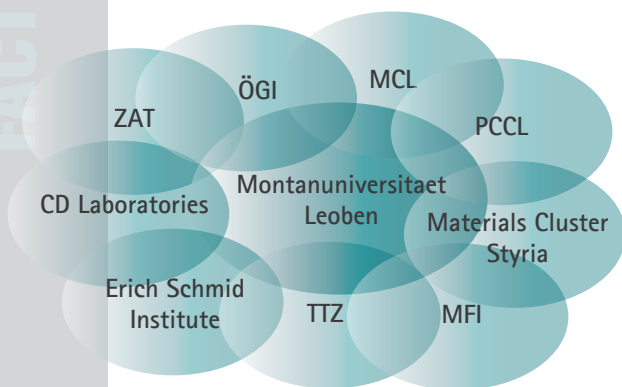
<b>TOTAL</b>	<b>1.120</b>
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# RESEARCH PROJECTS

REVENUE	2011 (Euro)	
	completed	current
European Union	65.025	720.925
Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung)	560.830	3.225.107
Industrial Research Promotion (Forschungsförderungsfonds für die gewerbliche Wirtschaft)	119.206	1.319.810
Competence Center Program	318.390	3.358.155
Christian-Doppler-Laboratories	23.375	1.930.170
Federal Government / provinces / communities	63.126	457.691
ÖAW (Austrian Academy of Sciences)	116.902	242.613
Industry	1.577.010	7.212.349
Other Projects	119.236	2.300.872
Life-Long-Learning	352.684	708.934
<b>TOTAL</b>	<b>3.315.758</b>	<b>21.476.626</b>
<b>TOTAL VOLUME</b>	<b>24.792.411</b>	

## 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, 47 academic partners are on board, 31 of whom are based in Austria, the rest being at home in Europe, and the US and Australia. 83 companies are involved in the centre, 53 of which are from Austria, and the remaining 30 from Europe and Canada. The research subjects dealt with in the centre are focused on the process chain, from the synthesis to the finished component, and also observing the behaviour during service.

## **K1-Centre „Polymer Competence Center Leoben GmbH" (PCCL):**

With more than 35 corporate partners and more than 90 employees, the 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 Montanuniversität Leoben) and the polymer industry.

## **K1-Centre "Advanced Metallurgical and Environmental Process Development" (K1-MET):**

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 Montanuniversität Leoben, the Johannes Kepler University Linz is involved in academic issues of the centre.

## **Christian-Doppler-Laboratories:**

- Functional and Polymer Based Ink-Jet Inks, Prof. Dr. Thomas Grießer, Chair of Chemistry of Polymeric Materials
- Application Oriented Coating Development, Prof. Dr. Paul Heinz Mayrhofer, Chair of Physical Metallurgy and Metallic Materials
- Advanced Process Simulation of Solidification and Melting, Prof. Dr.-Ing. Menghuai Wu, Chair of Simulation and Modeling of Metallurgical Processes
- Optimization and Biomass Utilization in Heavy Metal Recycling, Dr. Jürgen Antrekowitsch, Chair of Nonferrous Metallurgy
- 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

## CONTACT

### Rectorate:

Prof. Dr. Wilfried Eichlseder, Rector  
Dr. Martha Mühlburger, Vice Rector  
Prof. Dr. Peter Moser, Vice Rector  
Montanuniversitaet Leoben  
Franz-Josef-Strasse 18  
A-8700 Leoben  
Phone +43/(0)3842 402-7001  
Fax +43/(0)3842 402-7012  
[rektor@unileoben.ac.at](mailto:rektor@unileoben.ac.at)

### Important contact information:

Industrial Liason Department	+43/(0)3842 46010-40 <a href="mailto:aussenin@unileoben.ac.at">aussenin@unileoben.ac.at</a>
International Office	+43/(0)3842 402-7230 <a href="mailto:international@unileoben.ac.at">international@unileoben.ac.at</a>
Public Relations Office	+43/(0)3842 402-7220 <a href="mailto:pr@unileoben.ac.at">pr@unileoben.ac.at</a>
Austrian Student Union Leoben	+43/(0)3842 402-8101 <a href="mailto:vorsitz@oeh.unileoben.ac.at">vorsitz@oeh.unileoben.ac.at</a>

