MEDICAL UNIVERSITY OF GRAZ
Austria

Introduction into...

- Graz and the Medical University of Graz
- Studies and Teaching
- Research
- Quality Management
- International Cooperation
Medical University of Graz (Austria)

Graz and the Medical University > Studies and Teaching > Research > Intern.Cooperation

Graz

- Austria's second-largest city (second only to the capital Vienna)
- ~ 250,000 inhabitants
- important university–city: 4 universities ~ 40,000 students
Graz – small but beautiful

- UNESCO Cultural World Heritage since 1999
- Cultural Capital of Europe in 2003
- Emblem of Graz: „Castle hill“ (Schlossberg) and the Clock Tower
- New emblem: Art House – the „friendly alien“

A new university – with an old tradition

- University of Graz was founded in 1585 - one of the oldest universities in Central Europe
- in 1863: Medical Faculty was built
- in 1912, Regional and University Hospital was founded – the largest and most modern hospital in Europe at the time (art nouveau architecture)
- in 2004: Medical University demerged from the University of Graz and became an independent university
The Medical University of Graz comprises...

- 14 preclinical institutes
- 23 clinical departments with 45 divisions
- 760 teachers permanently employed (plus 130 avocational)
High quality education

The Medical University of Graz offers programmes in

- **Human Medicine** - Diploma programme (6 years)
- **Dental Medicine** - Diploma programme (6 years)
- **Health and Nursing** - Bachelor (3 years) and Master Science programme (2 years)
- **Medical Sciences** - Doctorate programme (3 years)
- **PhD programme** - Doctorate programme (3 years)

Goals of the Medicine programme

- Interweaved knowledge
- Skills
- Ability to communicate
- Early contact with patients
- Ability to reflect and criticize
- Ethical attitude
- Scientific and critical thinking
Formal structure

- Modules (5 weeks each)
- Tracks
- Integration from the very beginning
- 1 year focus on basics (with clinical parts)
- 4 years focus on clinical issues (still with basics)
- 1 year focus on clinical practice, bed side teaching

High quality education

Postgraduate courses
- Medical Management
- Public Health in Nursing
- Interdisciplinary Course for Children's Advancement and Family Assistance International
- Dermoscopy diploma programme (e-learning course)

Postgraduate Master courses
- Public Health
- University training course for public health officers
- Master of Science in cardiorespiratory Physiotherapy (start: planned in March 2008)

Postgraduate School: [www.meduni-graz.at/ps](http://www.meduni-graz.at/ps)
High quality education

Students:

- about 5,000 regular students
- 336 Medicine and 24 Dentistry students have been accepted in 2008/2009
- about 350 graduates each year

Graz and the Medical University > Studies and Teaching > Research > Intern.Cooperation

---

High quality education

Clinical Skills Center

- To practice and deepen clinical skills on dummies
- Specialists from different departments created the specific stations and trained students to work as tutors for their colleagues

- Stations:
  - Cardiologic diagnosis on patient-simulator
  - Radiological examinations
  - Suture
  - Placement of an indwelling catheter
Nobel Prize Winners

- Fritz Pregl (1923 – Chemistry)
- Julius Wagner-Jauregg (1927 – Medicine)
- Otto Loewi (1936 – Medicine)
Preclinical Departments

Center for Molecular Medicine
- Institute for Molecular Biology and Biochemistry
- Institute for Pathophysiology
- Institute for Cell Biology, Histology and Embryology

Center for Physiological Medicine
- Institute for Systems Physiology
- Institute for Biophysics
- Institute for Physiological Chemistry

Center for Theoretical-Clinical Medicine
- Institute for Anatomy
- Institute for Forensic Medicine
- Institute for Pathology
- Institute for Medical Informatics, Statistics and Documentation
- Institute for Social Medicine and Epidemiology
- Institute for Experimental and Clinical Pharmacology
- Institute for Hygiene
- Institute for Medical Biology and Human Genetics

approx. 16,000 sq meters

Graz and the Medical University > Studies and Teaching > Research > Intern.Cooperation

Clinical Departments

- Department of Obstetrics and Gynaecology
- Department of Ear, Nose and Throat
- Department of Internal Medicine
- Department of Ophthalmology
- Department of Anaesthesiology and Intensive Care Medicine
- Department of Surgery
- Department of Dermatology
- Department of Paediatrics
- Department of Paediatric Surgery
- Department of Medical Psychology and Psychotherapy
- Department of Neurology
- Department of Neurosurgery
- Department of Orthopaedic Surgery
- Department of Psychiatry
- Department of Radiology
- Department of Radiotherapy-Radiooncology
- Department of Trauma Surgery
- Department of Urology
- Department of Dental Medicine
- Department of Blood Group Serology and Transfusion Medicine
- Institute of Immunology
- Institute of Clinical Psycosomatic
- Institute of Laboratory Diagnostics

Some 3,000 sq metres

Graz and the Medical University > Studies and Teaching > Research > Intern.Cooperation
Research in the new Center for Medical Research

- established in 2004
- 6,000 sq meters at the newly set up Centre for Medical Research
- lab space, office space and services for interdisciplinary projects (for limited periods of time)
- better communication between research groups
- efficient use of expensive equipment
- Library and Studying Center

Graz and the Medical University > Studies and Teaching > Research > Intern.Cooperation

Focus Research Areas at the Medical University of Graz

- Molecular medicine (lipid-associated disorders)
- Neuroscience
- Cancer research
- Sustainable health research
- Cardiovascular research
Introduction into…

- Graz and the Medical University of Graz
- Studies and Teaching
- Research
- Quality Management
- International Cooperation

Quality Management

- First Austrian Medical University to be accredited by ACQUIN
- Examination of quality in
  - learning outcomes
  - final level of knowledge
  - imparting of expertise and medical competence
  - quality of staff and facilities
  - testing system
- Certification of the Quality Management in Teaching and Studies: in progress
**Quality Management**

**PTM – Progress Test Medizin**

- Developed by Charité Berlin
- Very good performance of students
- Comparison to highly prestigious German Medical Universities

---

**Innovation**

- Obligatory elective at General Practitioner during the final year
- SSM – Special Study Modules
- Great support for international study and practical experience
Introduction into…

- Graz and the Medical University of Graz
- Studies and Teaching
- Research
- Quality Management
- International Cooperation

International Cooperation

Erasmus programme
- Student and teaching staff exchange with over 50 universities from all over Europe
- Exchange for one semester or one year

CEEDUS
- student exchange and „these en cotutelle“ with 17 universities in Austria, Croatia, Hungary, Kosovo, Macedonia, Montenegro, Romania and Serbia.
International Cooperation

ASEA-Uninet
- Asian-European university network, founded in 1994
- exchange of students (one month clinical training) and scientists

Eurasia-Pacific-Uninet
- network of universities in Austria, China, Mongolia and the New Independent States

Partner-Universities in Australia, Brazil, Canada, China, Czech Republic, Egypt, Hungary, Japan, Macedonia, Mexico, New Zealand, Russia, UK, USA
- clinical elective student exchanges
- cooperation in research
Outing with exchange students

Graz and the Medical University > Studies and Teaching > Research > Intern. Cooperation

Reception by the mayor in town hall
We look forward to a fruitful cooperation!