

ASEAN-European Academic



University Partnership Network

founded by Austria in 1994

# Studying in Austria

Performing First-Rate Research  
in Austria

Scholarships for Indonesian  
PhD-Candidates

(With an Appendix on main research focus-areas of Austrian Universities)

## Austria's Higher Education & Research

Austria offers a variety of higher education studies at outstanding universities. It boasts a long tradition for excellent higher education and research. More than 22 Nobel-Prize winners were born in Austria and in the QS World University Rankings by subject Austrian universities appear at top level.

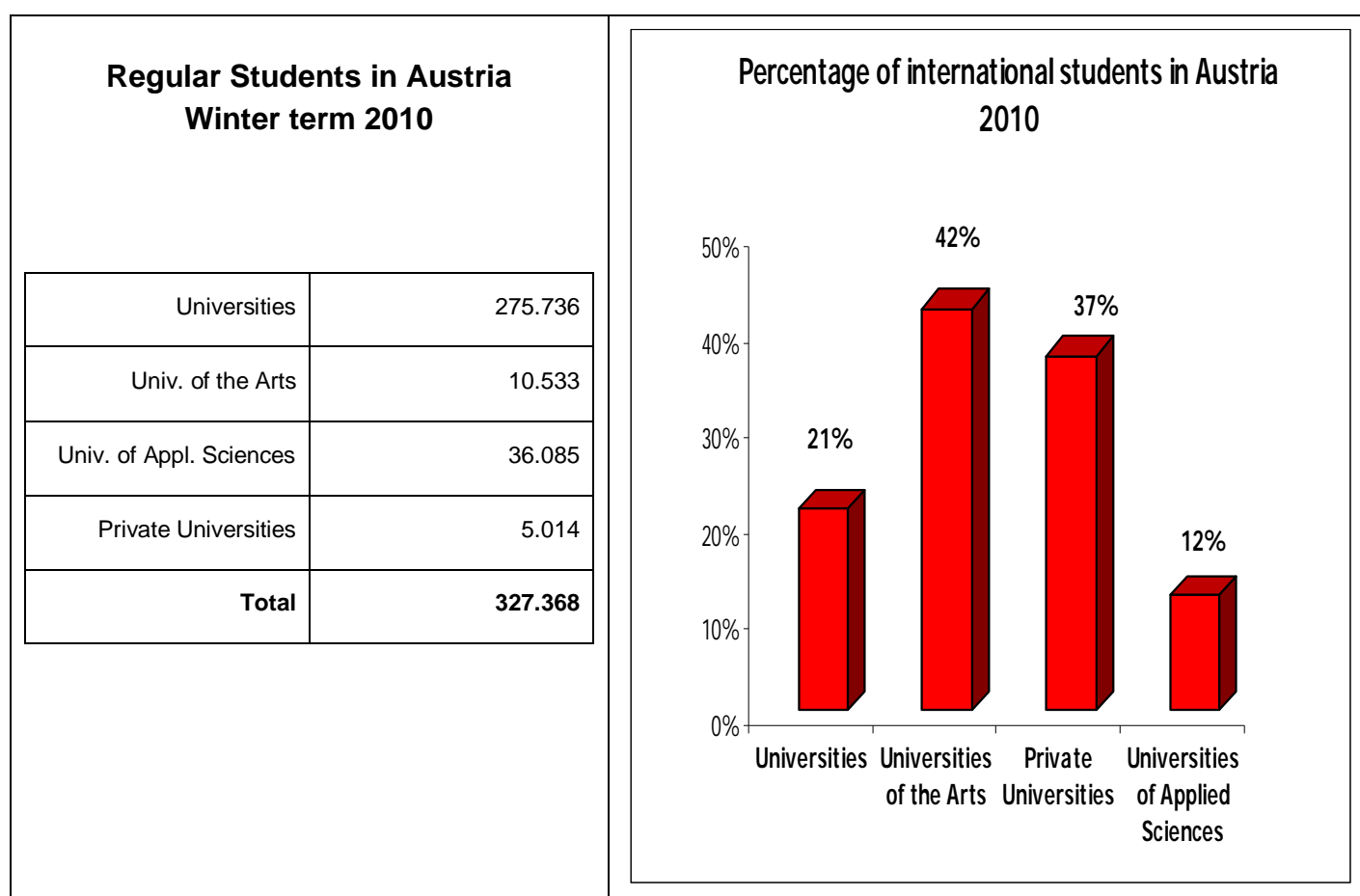
### An Overview of Austrian Universities

<p><u>Comprehensive Universities</u></p> <ul style="list-style-type: none"> <li>▪ University of Innsbruck</li> <li>▪ University of Vienna</li> <li>▪ University of Graz</li> <li>▪ University of Linz</li> <li>▪ University of Salzburg</li> <li>▪ University of Klagenfurt</li> </ul>	<p><u>Medical Universities</u></p> <ul style="list-style-type: none"> <li>▪ Medical University of Graz</li> <li>▪ Medical University of Vienna</li> <li>▪ Medical University of Innsbruck</li> </ul>
<p><u>Universities of Technology</u></p> <ul style="list-style-type: none"> <li>▪ Vienna University of Technology</li> <li>▪ Graz University of Technology</li> </ul>	<p><u>Univ. of Economics and Business Administration</u></p> <ul style="list-style-type: none"> <li>▪ Vienna University of Economics and Business Administration</li> </ul>
<p><u>University of Veterinary Medicine</u></p> <ul style="list-style-type: none"> <li>▪ University of Veterinary Medicine, Vienna</li> </ul>	<p><u>Univ. of Natural Resources/ Applied Life Sciences</u></p> <ul style="list-style-type: none"> <li>▪ University of Natural Resources and Applied Life Sciences, Vienna</li> </ul>
<p><u>University of Mining</u></p> <ul style="list-style-type: none"> <li>▪ University of Mining, Leoben</li> </ul>	<p><u>Universities of the Arts (music)</u></p> <ul style="list-style-type: none"> <li>▪ University of Music and Performing Arts Vienna</li> <li>▪ University of Music and Dramatic Arts Mozarteum, Salzburg</li> <li>▪ University of Music and Dramatic Arts, Graz</li> </ul>

## Internationally Top Ranked Research Subjects of Austrian Universities (by QS World University Rankings by Subject 2013)

- Computational Science & Information Systems
- Engineering - Civil & Structural
- Engineering - Mechanical, Aeronautical & Manufacturing
- Pharmacy & Pharmacology
- Physics & Astronomy
- Material Sciences
- Earth & Marine Sciences
- Engineering - Electrical & Electronics
- Medicine
- Agriculture & Forestry
- Chemistry
- Mathematics

### International students in Austria



## Austria's Science & Research

Austria dedicated approx. 8,96 billion Euro for research and development. With a rate of about 2.81% of the GDP Austria is currently above average among the OECD countries in regard to research expenditure.

Austria's research policy distinguishes between science-orientated and business-orientated research:

Science-orientated research takes place under the auspices of universities and specialised colleges, the Austrian Academy of Sciences, the Institutes run by the Christian Doppler Society, the Higher Technical Training Institutes and other state and private-sector research facilities.

Business-orientated research is carried out by Austrian companies and private and state research institutes for various economic sectors.

## Nobel Laureates born in Austria

- Robert Barany
- Carl Ferdinand Cori
- Gerty Cori
- Alfred Hermann Fried
- Karl v. Frisch
- Friedrich August v. Hayek
- Viktor Franz Hess
- Elfriede Jelinek
- Richard Kuhn
- Karl Landsteiner
- Philipp Lenard
- Otto Loewi
- Wolfgang Pauli
- Max Ferdinand Perutz
- Fritz Pregl
- Isidor Isaac Rabi
- Leopold Ruzicka
- Erwin Schrödinger
- Bertha von Suttner
- Julius Wagner-Jauregg
- Richard Zsigmondy
- Konrad Lorenz
- Walter Kohn
- Martin Karplus

# ASEA-UNINET

ASEA-UNINET is an ASEAN-European Academic University Network. It was founded by Austria, Indonesia, Thailand and Vietnam in 1994.

ASEA-UNINET supports the exchange of knowledge between 72 partner universities from 16 member countries in Europe (Austria, Czech Republic, Denmark, Germany, Greece, Italy, Netherlands, Russia, Slovakia and Spain) and South-East Asia (Indonesia, Malaysia, Pakistan, Philippines, Thailand, and Vietnam).

The main activity of the network is organizing and providing (financial) support of the exchange of scientists and postgraduates joint research projects and the transfer of knowledge associated with this.

## The Austrian Higher Education System

The Austrian university system is adapted to the European three-tier system of higher education degrees according to the Bologna process:

Bachelor Program (equivalent to S1):	6 - 8 semesters
Master Program (equivalent to S2):	2 - 4 semesters
Doctoral/PhD Program (equivalent to S3):	at least 6 semesters

### PhD System in Austria

PhD studies comprise at least six semesters and lead depending on the subject field of the dissertation to a Doctoral / PhD degree.

## PhD Grants offered in Austria

Austria offers the following types of scholarship programmes for Indonesia

- Indonesia - Austria Scholarship Program
- Technology Grants South-East Asia
- Ernst Mach Grants for Indonesian Applicants

### Following Areas of study are offered

#### **Indonesia – Austria Scholarship Programme (DIKTI)**

Natural Sciences, Technical Sciences

Medicine

Agriculture and Forestry

Veterinary Medicine, Social Sciences, Law , Economics

Duration: 36 months

Grant benefit: € 1,200 (per month)

#### **Technology Grants South-East Asia**

Natural Sciences

Technical Sciences

Medicine

Agriculture and Forestry

Veterinary Medicine

Economics

Arts (music)

Duration: 36 months, (Ph.D) 12 months (Sandwich/PhD-Grants), 3-12 months (post-Doc)

Grant benefit: € 1.000,-- (p.m.)

#### **Ernst Mach Grants for Indonesian Applicants**

Graduates pursuing a doctoral program, or post-doc research

Duration: 3-9 Months

Grant benefit: € 940,--(p.m.)

The selection of candidates for all programmes is performed by ASEA-UNINET

Further details: [www.grants.at](http://www.grants.at), [www.asea-uninet.org](http://www.asea-uninet.org) (Useful links)

## How to apply for a Scholarship

As an initial step the candidate should visit [www.grants.at](http://www.grants.at) to specify the type of scholarship which will fit the aims and purposes of the applicant. The candidate has to send his/her research proposal to a potential supervisor (Professor) at one of the Austrian Universities.

A letter of acceptance from an Austrian supervisor is a prerequisite for a successful application.

The selection of candidates by special interviewers is performed by an Austrian-Indonesian Board of experts in Indonesia. The Austrian representatives for this board are professors nominated by ASEA UNINET. All further steps will be coordinated by the administrator for Indonesian scholarships in Austria (currently Mr. Ha Tuan Trieu) in close cooperation with Indonesian and Austrian authorities (email: Mr. Ha: [tuantrieu.ha@oead.at](mailto:tuantrieu.ha@oead.at))

## The Research Proposal

The applicant's research proposal for an innovative contribution should contain a clear and detailed description of the research directions and objectives as well as the methodological approach (5-10 pages). It should include:

- A clear project description
- Expected results
- Methodological approach
- State of the art (incl. References)
- List of the applicant's publications (if already available)

## Further Information and contacts

[www.asea-uninet.org](http://www.asea-uninet.org)

[www.oead.at](http://www.oead.at)

[www.grants.at](http://www.grants.at) – Indonesia-Austria Scholarship Program

[www.grants.at](http://www.grants.at) – Technology Grants South-East Asia

## Contact

ASEA-UNINET: [office@asea-uninet.org](mailto:office@asea-uninet.org)

OEAD: Tuan Trieu Ha

Austrian Agency for International Cooperation in Education & Research  
(OeAD), Email: [tuantrieu.ha@oead.at](mailto:tuantrieu.ha@oead.at)



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# Appendix

## Profile of Main Research Focus Areas of Austrian Universities Main Research Areas

### Technology

Technical University of Vienna (TU Vienna) <a href="http://www.tuwien.ac.at">www.tuwien.ac.at</a>	Graz University of Technology (TU Graz) <a href="http://www.tugraz.at">www.tugraz.at</a>
Computational Science and Engineering Quantum Physics and Quantum Technologies Materials and Matter Information and Communication Technology Energy and Environment	Advanced Materials Science Human- & Biotechnology Information, Communication & Computing Mobility & Production Sustainable Systems

### Economy

University of Economics and Business Administration, Vienna (WU) <a href="http://www.wu.ac.at">www.wu.ac.at</a>
Applied Economics and Socioeconomics Business and Economic Law Empirically-Focused Research on Management, Marketing and Strategy Finance and Accounting Information Systems, Computing and Supply Chain Management International Business, especially CEE Region Studies International Business Taxation



## Medicine

Medical University Graz <a href="http://www.meduni-graz.at">www.meduni-graz.at</a>	Medical University of Vienna <a href="http://www.meduniwien.ac.at">www.meduniwien.ac.at</a>	University of Medicine Innsbruck <a href="http://www.i-med.ac.at">www.i-med.ac.at</a>
Cardiovascular Research Cancer Research Molecular Bases of Lipid Associated Diseases (FFL) Neuroscience	Allergology / Immunology / Infectiology Cancer Research / Oncology Neuroscience and psychiatric- psychosocial Science Vacular medicine	Oncology Neuroscience Genetics Epigenetics Genomics Infection biology Immunology Organ and Tissue Replacement

## Veterinary Medicine

University of Veterinary Medicine, Vienna <a href="http://www.vetmeduni.ac.at">www.vetmeduni.ac.at</a>
Physiological Processes Infection and Prevention Food Safety and Risk Evaluation Animal Behaviour and Human-Animal Relationship Veterinary Biotechnology

## Natural Resources

University of Natural Resources and Life Sciences (BOKU)

[www.boku.ac.at](http://www.boku.ac.at)

Land and Terrestrial Ecosystems

Water – Atmosphere – Environment

Biosphere and Landscape

Renewable Resources

Food – Nutrition – Health

Biotechnology

Nanotechnology

Resources and Social Dynamic

## University of Mining

Montanuniversität, Leoben

[www.unileoben.ac.at](http://www.unileoben.ac.at)

Mineral Resources Engineering

Metallurgy

Material Science

Process- and Product engineering

Environment Engineering and Recycling

Energy Management

## Comprehensive universities

<p>University of Innsbruck <a href="http://www.uibk.ac.at">www.uibk.ac.at</a></p>	<p>Universities of Vienna, Salzburg, Klagenfurt <a href="http://www.univie.ac.at">www.univie.ac.at</a> <a href="http://www.uni-salzburg.at">www.uni-salzburg.at</a> <a href="http://www.uni-klu.ac.at">www.uni-klu.ac.at</a></p>	<p>University of Graz <a href="http://www.uni-graz.at">www.uni-graz.at</a></p>
<p>Alpine Space - Man and Environment Cultural Encounters - Cultural Conflicts Molecular Biosciences Physics and Scientific Computing</p>	<p>The university focus areas are determined in a decentralized way by the corresponding faculties of these universities</p>	<p>Brain and Behaviour Heterogeneity and Cohesion Cultural History and Interpretation of Europe Learning – Education – Knowledge Modelling and Simulation Molecular Enzymology and Physiology Environment and Global Change</p>
<p>Johannes Kepler University (JKU) Linz <a href="http://www.jku.at">www.jku.at</a></p>		
<p>Computation in Informatics &amp; Mathematics Management &amp; Innovation Mechatronics &amp; Information Processing Nano-, Bio- &amp; Polymer-Systems: From Structure to Function Social Systems, market &amp; welfare state Corporate Law</p>		

## Art

<p>University of Music and Performing Arts, Vienna (mdw) <a href="http://www.mdw.ac.at">www.mdw.ac.at</a></p>	<p>University of Music and Dramatic Arts, Mozarteum, Salzburg <a href="http://www.moz.ac.at">www.moz.ac.at</a></p>	<p>University of Music and Dramatic Arts, Graz (KUG) <a href="http://www.kug.ac.at">www.kug.ac.at</a></p>
<p>The university focus areas are determined in a decentralized way by the corresponding faculties of these universities</p>	<p>Contemporary Art Chamber Music Ensemble Conducting</p>	<p>Electronic Media in the Arts and Science Research Cluster for Musicology</p>