



International forest related Education in Germany

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Workshop

Bogor/Jakarta

Forest

Education





Bologna Process

- the introduction of a system of comprehensible and comparable degrees
- the introduction of the two-cycle degree structure (3-5-8 model)
- transparency of study contents by means of credit points and the Diploma Supplement
- recognition of degrees and phases of study
- promotion of mobility of students and academic staff
- safeguarding of quality standards at national and European levels
- implementation of a qualifications framework for the European Higher Education Area
- Increase in the attractiveness of the European Higher Education Area, including for those outside the EU
- Promotion of lifelong learning
- Link of the European Higher Education and Research Area



State of the art 2000

- Overall picture of studies, curricula and degrees is extremely complex (Kirstein 1999)
- Access and admission requirements → Everything from free access to highly competitive programs
- Traditionally very broad study
 - natural science, economic science, applied forestry subjects
 - become increasingly important less traditional forestry jobs
- New challenges and opportunities at the labour market
 - need for harmonisation and increased mobility
 - New fields of employment



Goals in teaching forestry

- Developing the ability of problem-solving with scientific methods
- Focusing on a sound professional training (increased methodological and fundamental knowledge)
- Encouraging self-initiative, creativity and independence
- Training and maintaining mental flexibility
- Promoting no-subject qualities which are specialley for executives (e.g. social and personality-related competence)
- Facilitate mobility



New fields in forestry education

- Why? Fundamental changes in the field of the profession
 - Recreation, rural development, nature management and nature conservation, Wood technology or Tropical forestry

(Source: Huss, Schmidt 1998)

- Education in Forestry will become increasingly integrated with the teaching of other sciences regarding **basic science** and **social aspects** have to be improved.
- Forest Curricula should not only bring definitive or general solutions but **ways of thinking and path for approaching problems**
- Increasing role of (non-European) languages and international communication.

(Source: Pelkonen, Buttoud 1998)



**TECHNISCHE
UNIVERSITÄT
DRESDEN**



**HNE
Eberswalde**

Hochschule für nachhaltige Entwicklung (FH)



**FACHHOCHSCHULE
ERFURT UNIVERSITY
OF APPLIED SCIENCES**



**GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN**



**TECHNISCHE
UNIVERSITÄT
MÜNCHEN**



**HAWK HOCHSCHULE
FÜR ANGEWANDTE
WISSENSCHAFT UND KUNST**



**Hochschule für Forstwirtschaft
University of Applied Forest Sciences
R o t t e n b u r g**

**HOCHSCHULE
WEIHENSTEPHAN-TRIESDORF
UNIVERSITY OF APPLIED SCIENCES**



Faculty of Environment and Natural Resources - Freiburg

MSc in Forest science

- German and English



Several Master Programmes :

- Environmental Sciences
- Environmental Governance
- Renewable Energy Management

Joint Programmes:

- MSc European Forestry (Erasmus Mundus)
- MSc Transfor M (Canada)
- Bachelor Plus (Canada)

(http://www.unr.uni-freiburg.de/studium-lehre-en/index.html-en?set_language=en)



University of Applied Science Weihenstephan - Triesdorf

MSc International Management of Forest Industries

- New German / English Programme
- In cooperation with the Bern University of Applied Science

Study offer: Sustainable Engineering

- In English to attract foreign students and improve language skills of own students

(<http://www.hswt.de/international/studienangebote-und-projekte.html#c79318>)





**TECHNISCHE
UNIVERSITÄT
DRESDEN**

**Faculty of Environmental Science /
Department of Forest Science**

MSc in Tropical Forestry and Management

- International Tropical Forestry
Education started already in 1961
- English since 1995
- Socio-economic focus

Joint Programmes:

- MSc SUTROFOR (Erasmus Mundus)

(https://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/fachrichtung_forstwissenschaften/institute/inter/tropen/ausbildung/master/document_view?set_language=en)



School of Forest Science and Resource Management - TUM

MSc in Sustainable Resource Management

- Full spectrum of resource management
- Focus on management techniques

(<http://www.forst.wzw.tum.de/index.php?id=20&L=1#c43>)



TECHNISCHE
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HNE
Eberswalde

Hochschule für nachhaltige Entwicklung (FH)

Faculty of Forest and Environment - Eberswalde

BSc International Forest Ecosystem Management

MSc Global Change Management

Joint Programmes:

MSc Forest Information Technology

- In Cooperation with Warsaw University of Life Science
- Focus on Environmental Information Technologies
- Compulsory study in both Faculties

(<http://www.hnee.de/en/Faculties/Faculty-of-Forest-and-Environment/Study-programmes/Study-Programmes-K2466.htm>)

Faculty of Forest Science and Forest Ecology

MSc Tropical and International Forestry

- Focus on sustainable forest management in the tropics and subtropics
- Supported by the DAAD
- Started in 1985



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

Joint Programmes:

MSc Sustainable Forest and Nature Management
(Erasmus Mundus)

(<http://www.uni-goettingen.de/de/73437.html>)

**Scholarships for MSc Tropical and
International Forestry 2014**

DAAD

all developing countries

EXPERTS4Asia

Afghanistan, Bangladesh, Bhutan, China,
India, Indonesia, Nepal, Pakistan, the
Philippines, Sri Lanka, Thailand and the
Maldives

Namaste

India

AREAS+

Cambodia, Indonesia, Laos, Malaysia,
Myanmar, Mongolia, Sri Lanka, Thailand,
The Philippines, Vietnam

ALRAKIS II

Armenia, Azerbaijan, Georgia and Ukraine

LOTUS unlimited

Cambodia, Myanmar, Vietnam, Indonesia,
Thailand, China

EU Saturn

South Africa

SALAM II

Iran, Iraq and Yemen

Timur

Uzbekistan



Conclusions

- Increased diversity of study programs
- Progress towards mobility
- Picking up the issue of a changing labour market also in international area
- Increased mobility possibilities also for Germans
- Longterm perspective?



Terima kasih!

Thank you for your attention

