



# Current and Emerging needs in Agriculture and forestry labour markets in Africa

21.09.2009

Consultation Meeting  
Dschang, Cameroon



# University of Freiburg Faculty of Forest and Environmental Sciences Germany

**Dr. Reiner Mühlisiegler**  
**21.09.2009 - University of Dschang**



## The University

- founded in 1457 (theology, law, medicine, and philosophy)
- 11 faculties
- 17 interdisciplinary research centres
- 19 graduate schools and colleges
- 150 subjects / study programs
- 20 000 students





## The Faculty

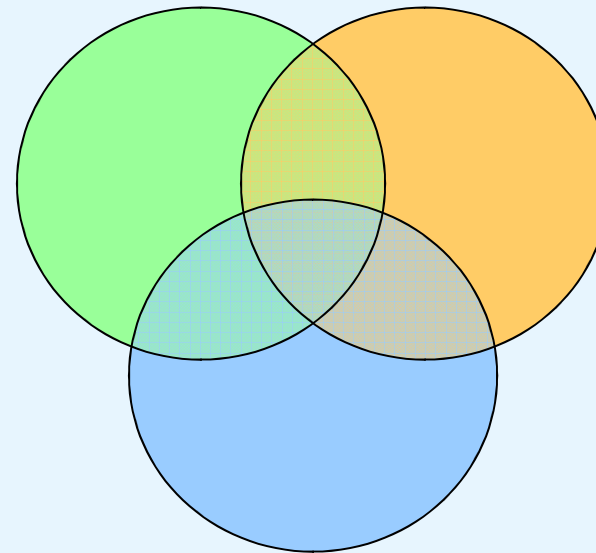
- 13 institutes
- 135 permanent staff
- 26 full time professors
- 900 undergraduate students
- 120 M.Sc. students
- 250 Ph.D. students



# The Faculty's Subject Areas

**Forest Sciences**

**Geography**



**Hydrology**





**Master**  
4 Semester  
(since 2008)

**Geography  
of Global  
Change**

**Hydrology**

**Forest  
Sciences**

**Renewable  
Energy  
Management**

**Master**  
4 Semester  
(since 2005)

**Forest  
Ecology  
and  
Management**

**Environ-  
mental  
Governance**

**Master of  
European  
Forestry**

**Bachelor**  
6 Semester  
(since 2005)

**Geography**

**Forestry  
and  
Environ-  
ment**

**Environ-  
mental  
Natural  
Sciences**  
(since  
2009)

secondary subjects:

- International Forestry
- Forestry & Wood Industry
- Landscape Development and Nature Protection
- Environmental Sciences
- Meteorology and Climatology
- Geography

**Diploma**

**Forest Sciences** (from 1995 in moduls/ until 2005)



## B.Sc. Programmes

➤ duration: 6 semester

➤ 180 ECTS

main subject: 120 ECTS

secondary subject: 40 ECTS

transferable skills: 20 ECTS

➤ introductory Module (3 weeks)

➤ internship (2 months)

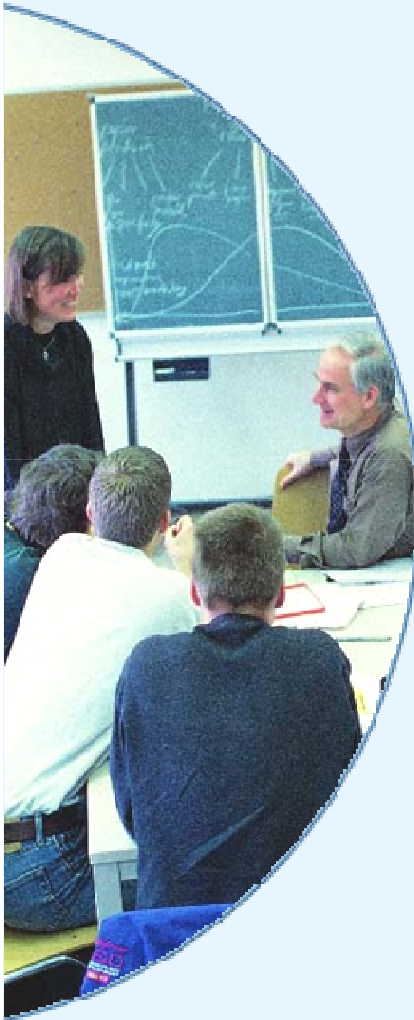
➤ thesis work (3 months)





## M.Sc. Programmes

- duration: 4 semester
- 1st -3rd semester: taught modules  
(3 weeks each),  
4th semester: Masters thesis
- internship
- 120 ECTS
- 500 € tuition fee per semester





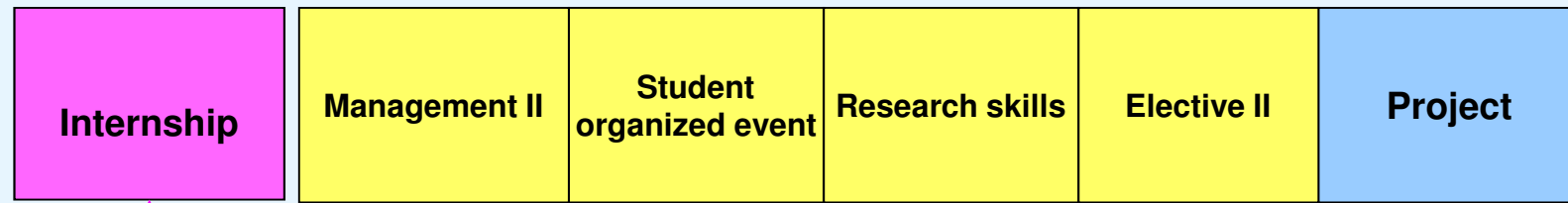


# Example: MSc Renewable Energy Management

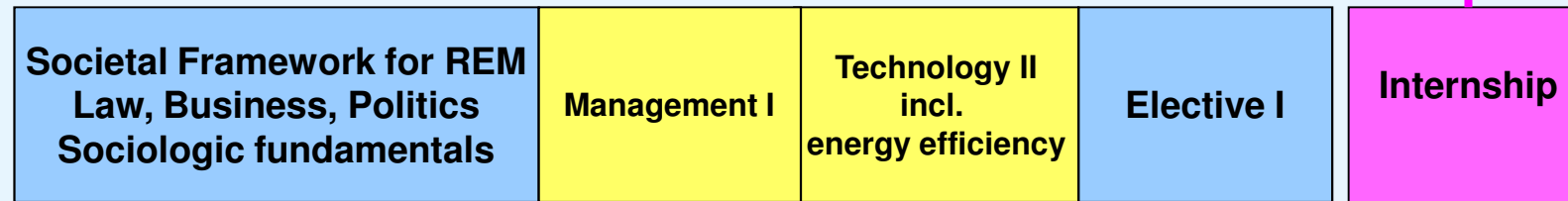
4th  
Semester



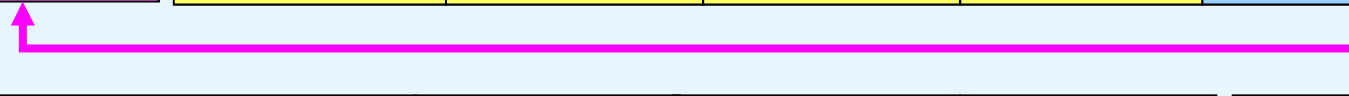
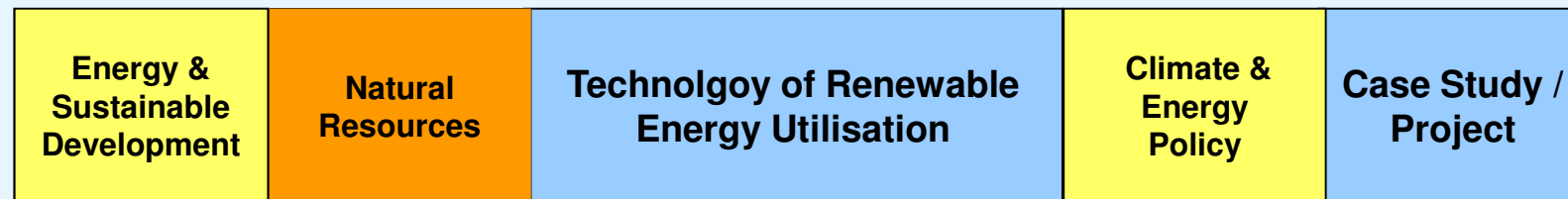
3rd  
Semester



2nd  
Semester



1st  
Semester





## Postgraduate Studies I

- supervisor and co-supervisor
- max. 5 years
- sandwich/ co-tutelle is possible
- research proposal after 3-9 months
- annual progress report
- dissertation in german or english
- title: Dr. rer. nat.





## Postgraduate Studies II

### Graduate School

“Environment, Society and Global Change”

with five **Research Groups**

- Environmental Governance
- Integrated Water Research
- Spatial Dimensions of Global Change-Adapting Ecosystems to Global Change
- Natural Resources and Sust. Land Use Concept
- title: Dr. rer. nat. or Ph.D.





## Curriculum development influenced by I:

- Adaptive curriculum to changing needs of the society, e.g. the Bologna process
- Results of tracer studies/ graduate analysis (1990, 1992, 1996, 2006, 2008)
- Study program commission (professors, teaching staff, students)
- MEG: Program Advisory Board formed by renowned and experienced representatives from the fields of policy, business, and civil society



## Curriculum development influenced by II:

- The civil society (industry, research organisations, international NGOs) is actively involved in teaching at the university
- Frequent field trips are organised to improve on the occupational competences of the students
- Internships are part of the training programme for bachelor and master students





## ALUMNI 2006

### **Francis Bih**

Dr. rer. nat.

"Assessment methods for  
non-timber forest products  
in off-reserve forests : case  
study of Goaso district,  
Ghana"

Prof. Dr. Pelz



## ALUMNI 2008



### **Martin Amoah**

Dr. rer. nat.

"Assessment of raw material utilisation efficiency of the forest-wood chain as influenced by the forestry sector reform in Ghana"

Prof. Dr. Becker / Prof. Dr. Bauhus



## ALUMNI 2008



### **Victorine Sirri Che**

Dr. rer. nat.

"A Critical Analysis of the Interrelation between Indegenious Livelihoods and Sustainable Forest Management - Integrating Gender Aspects. Case of the Sangha Trinational Conservation Area"

Prof. Dr. Lewark / Prof. Dr. Shannon



## ALUMNI 2009



### **Germain Djontu**

Dr. rer. nat.

"Influence of NGOs, World Bank and members of parliament on the Cameroon forestry law

- A contribution to good forest governance"

Prof. Dr. Essmann / Prof. Dr. Weiland



## ALUMNI 2009



### **Gordon Ajonina**

Dr. rer. nat.

"Inventory and modelling mangrove forest stand dynamics following different levels of wood exploitation pressures in the Douala-Edea atlantic coast of Cameroon, Central Africa"

Prof. Dr. Pelz / Dr. Chuyong





**Thank you for your attention**

**[www.afolm.org](http://www.afolm.org)**

**[www.uni-freiburg.de](http://www.uni-freiburg.de)**

**[www.ffu.uni-freiburg.de](http://www.ffu.uni-freiburg.de)**

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