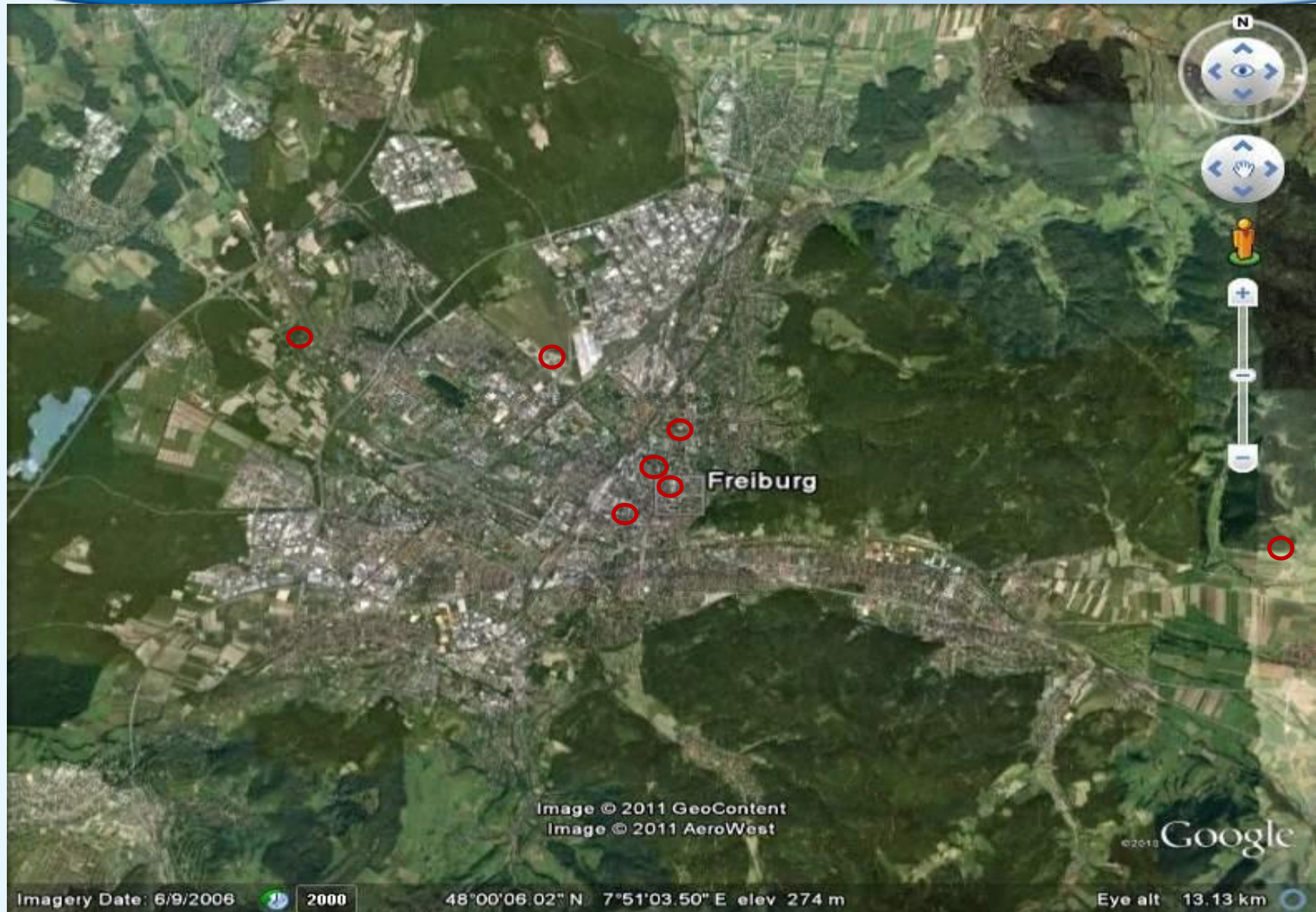




# **Faculty of Environment and Natural Resources Freiburg, Germany**

Heinrich Spiecker





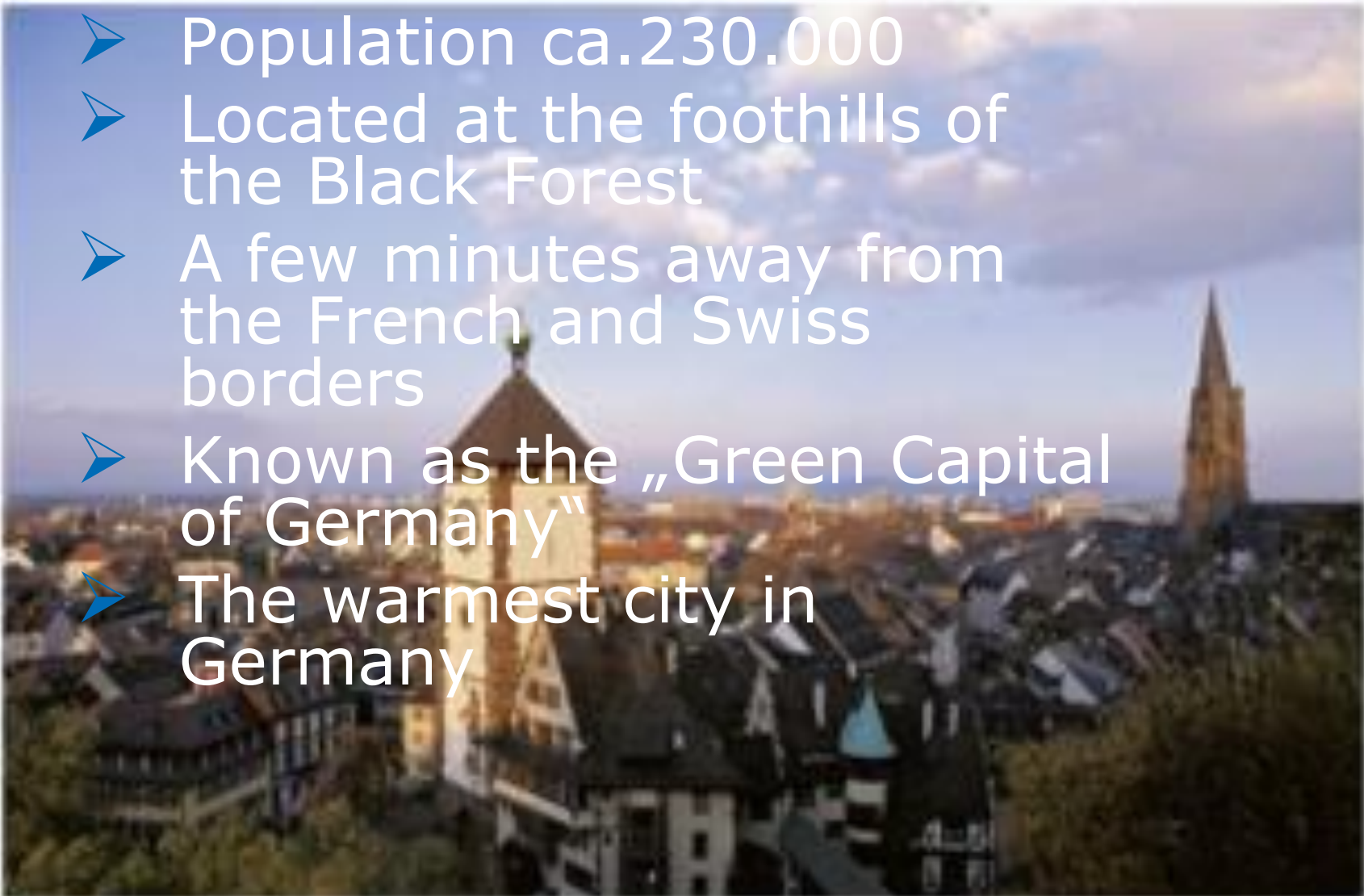










- 
- Population ca.230.000
  - Located at the foothills of the Black Forest
  - A few minutes away from the French and Swiss borders
  - Known as the „Green Capital of Germany“
  - The warmest city in Germany





*The city of Freiburg, with the Münster under restoration (Photo by Jennifer Nielsen)*

*"The city of Freiburg is a university city, so there will be always lots of students everywhere. This means that you will probably have lots of good time and make a lot of friends. It is also a very beautiful town, with a very old history and architecture, situated just at the foothills of the Black Forest"*

(Vlad Strimbu, former Master student from UBC).







## **Albert-Ludwigs-University Freiburg**

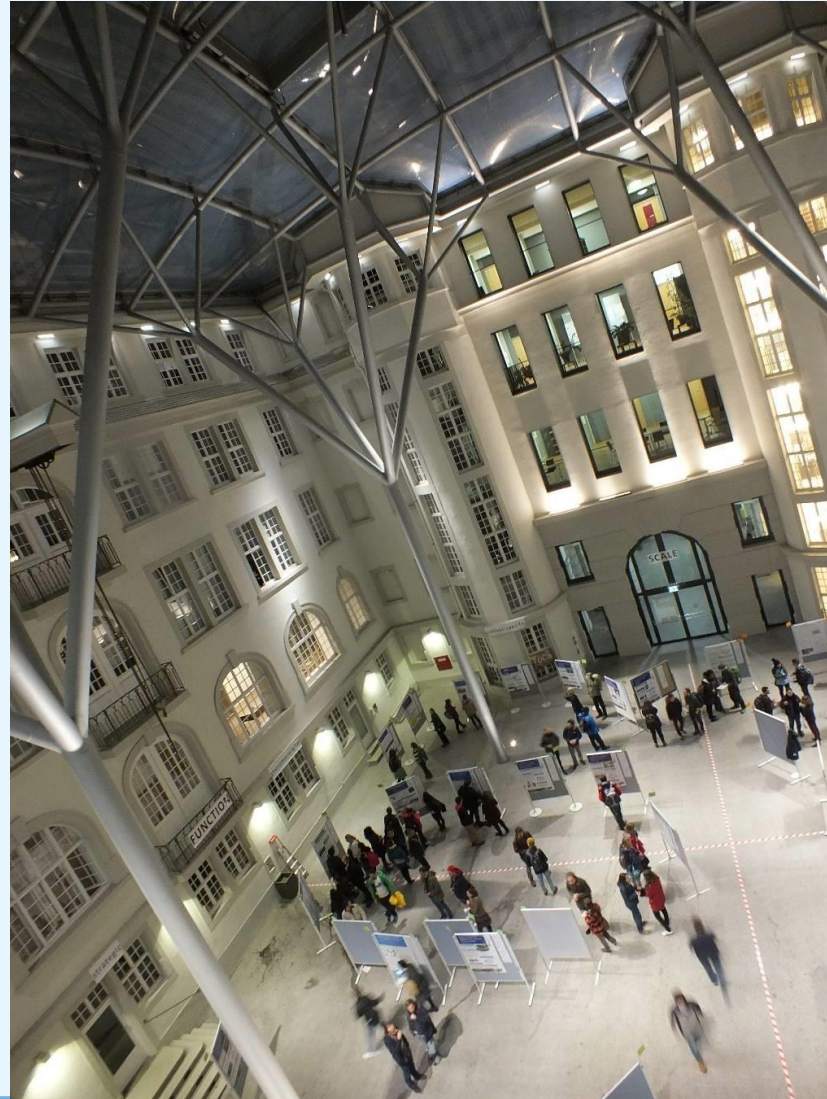
- founded in 1457
- 11 faculties
- 200 study programs
- 400 full professors
- 25.000 students
- 2.5000 Ph.D. students
- university cultural life (orchestra, choirs, movie club, etc.)



# The centre of the Faculty of Environment and Natural Resources



# Inside the centre of the faculty



# The faculty in FIGURES

- 3 institutes
  - Forest Sciences
  - Earth and Environmental Sciences
  - Environmental. Social Sc. and Geography
- 135 permanent staff
- 35 full professors
- 1800 students (effective 2010)
- 250 PhD students

# Focus

Interactions between environment  
and society

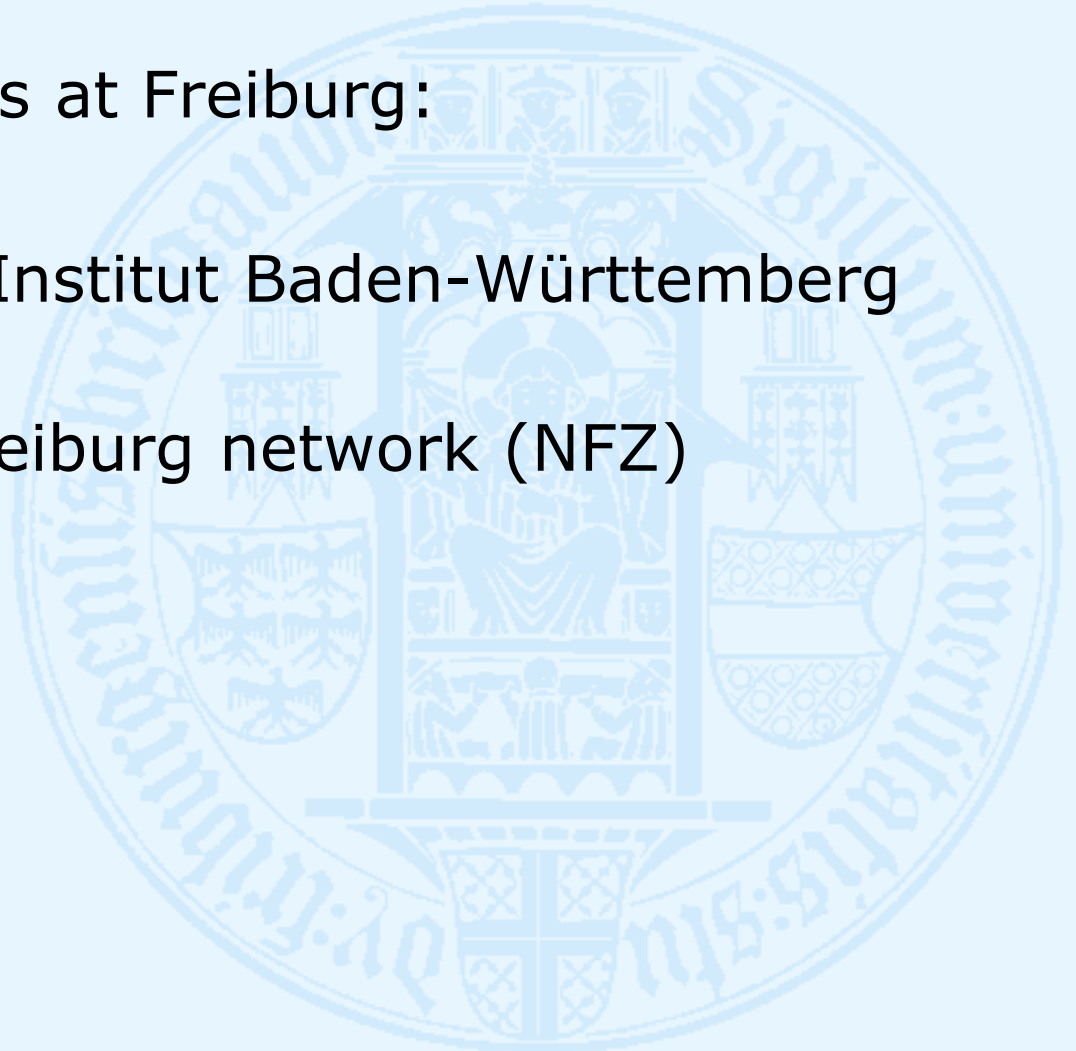
Interdisciplinary approaches  
including natural, social, and  
technical sciences

Transfer of research results into the  
different areas of society.

## Research areas

- Sustainable use of natural resources and renewable energy
- Safeguarding natural resources: soil, water, air, biodiversity
- Adaptation to Global Change
- Natural Hazards

- Partner institutions at Freiburg:
- -Forest Research Institut Baden-Württemberg (FVA)
- - Nancy-Zürich-Freiburg network (NFZ)



# chairs

## related to Forest Science:

20 Chairs:

- [Applied Vegetation Ecology](#) (Prof. Dr. Markus Hauck)
- [Forest- and Environmental Policy](#) (Prof. Dr. Daniela Kleinschmit)
- [Ecosystem Physiology](#) (Prof. Dr. Christiana Werner)
- [Forest Genetics](#) (Prof. Dr. Katrin Heer)
- [Forest Growth and Dendroecology](#) (Prof. Dr. Thomas Seifert)
- [Forest and Forestry History](#) (Prof. Dr. Uwe E. Schmidt)
- [Forest Operations](#) (Prof. Dr. Thomas Purfürst)
- [Forest Entomology and Protection](#) (Prof. Dr. Peter Biedermann)
- [Forestry Economics and Forest Planning](#) (Prof. Dr. Marc Hanewinkel)
- [Pathology of Trees](#) (JProf. Dr. Kathrin Blumenstein)
- [Remote Sensing and Landscape Information Systems](#) (Prof. Dr. Barbara Koch)
- [Silviculture](#) (Prof. Dr. Jürgen Bauhus)
- [Soil Ecology](#) (Prof. Dr. Friederike Lang)
- [Wildlife Ecology and Management](#) (Prof. Dr. Ilse Storch)
- [Biometry and Environmental System Analysis](#) (Prof. Carsten Dormann)
- [Environmental Meteorology](#) (Prof. Andreas Christen)
- [Forest Biomaterials](#) (Prof. Marie-Pierre Laborie)
- [Forest History](#) (Prof. Uwe Schmidt)
- [Site Classification and Vegetation Sciences](#) (Prof. Albert Reif)
- [Environmental governance](#) (Prof. Heiner Schaanz)

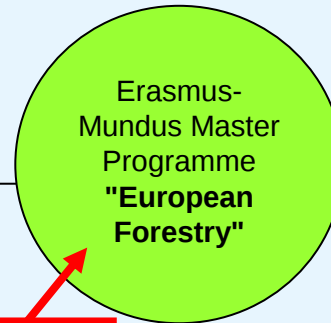
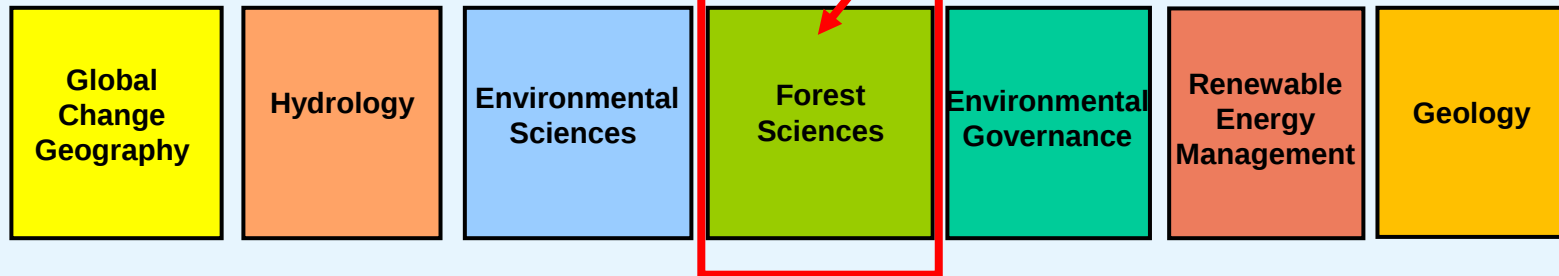
## MSc Programs

- duration: 2 years (*MSc EF 1 year!*)
- 120 ECTS
  - coursework (3 sem.) 80 ECTS
  - internship (7 weeks) 10 ECTS
  - thesis (6 months) 30 ECTS
- Starting date: October
- Group size: 25-30 students
- Language: English and German taught programs



# The faculty's STUDY PROGRAMS

## Master of Science (2 years)



## Bachelor of Science (3 years)



# M.Sc. Forest Sciences

## International Forestry

|                                           |                                                             |                                                     |                                  |                                                |                                      |                     |
|-------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|----------------------------------|------------------------------------------------|--------------------------------------|---------------------|
| 4. Sem.                                   | Master Thesis                                               |                                                     |                                  |                                                |                                      |                     |
| 3. Sem.                                   | Forest Sciences:<br>Professional and<br>Research Approaches | Forest Legality and<br>Sustainability<br>Regulation | Forests and Rural<br>Development | Elective                                       | Elective                             | Elective            |
| Internship (between 2nd and 3rd Semester) |                                                             |                                                     |                                  |                                                |                                      |                     |
| 2. Sem.                                   |                                                             | Close-to-Nature<br>Forest<br>Management             | Ecosystem<br>Management          | Integrated Land<br>Use System                  | International<br>Forestry Governance | Elective            |
| 1. Sem.                                   | Forest and<br>Global Change                                 | Applied<br>Environmental<br>Statistics              | Carbon Forestry                  | Forest Inventory<br>and Information<br>Systems | Forest Economics<br>and Management   | Plantation Forestry |

# M.Sc. Forest Sciences

## Forest Ecology Research

|                                           |                                                             |                                        |                                  |                          |                                |                                                                            |
|-------------------------------------------|-------------------------------------------------------------|----------------------------------------|----------------------------------|--------------------------|--------------------------------|----------------------------------------------------------------------------|
| 4. Sem.                                   | Master Thesis                                               |                                        |                                  |                          |                                |                                                                            |
| 3. Sem.                                   | Forest Sciences:<br>Professional and<br>Research Approaches | Forest Growth<br>and Structure         | Frontiers in<br>Forest Sciences  | Elective                 | Elective                       | Elective                                                                   |
| Internship (between 2nd and 3rd Semester) |                                                             |                                        |                                  |                          |                                |                                                                            |
| 2. Sem.                                   |                                                             | Experimental<br>Ecology                | Forest<br>Entomology             | Forest<br>Pathology      | Tree & Forest<br>Ecophysiology | Elective                                                                   |
| 1. Sem.                                   | Forest and<br>Global Change                                 | Applied<br>Environmental<br>Statistics | Analysis of<br>Biodiversity Data | Ecosystem<br>Functioning | Forest Soils<br>and Climate    | Genetic and<br>Genomic Methods in<br>Forest Management<br>and Conservation |



# Students life in Freiburg



- **Fernando Campos**
- **University of Freiburg**
- **MSc of European Forestry**

## FOREST SCIENCES

- Courses:
  - Selection among study tracks compulsory and selective courses
  - Modules of 3 weeks (5 ECTs) in summer
  - Selected topic
  - Exam registration
- Thesis:
  - Registration and deadline
- Job opportunities:
  - HiWi
  - Student assistant

# The life...

## ... housing

- Student houses and private rooms  
(monthly rent: 280-500 €)
- Website search
  - <http://www.wg-gesucht.de/>
  - [www.WG-Zimmer.de](http://www.WG-Zimmer.de)
  - [www.ZimmerFREI-BURG.de](http://www.ZimmerFREI-BURG.de)
  - [www.studenten-wg.de](http://www.studenten-wg.de)



# The life...

## ... main attractions



# The life...

... the Black Forest



# The life...

... living greener



# THANK YOU FOR YOUR ATTENTION

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