



BOKU Experience in Qualifications Framework and Lifelong Learning

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BOKU - Location





BOKU - Location



BOKU – University of Natural Resources and Life Sciences

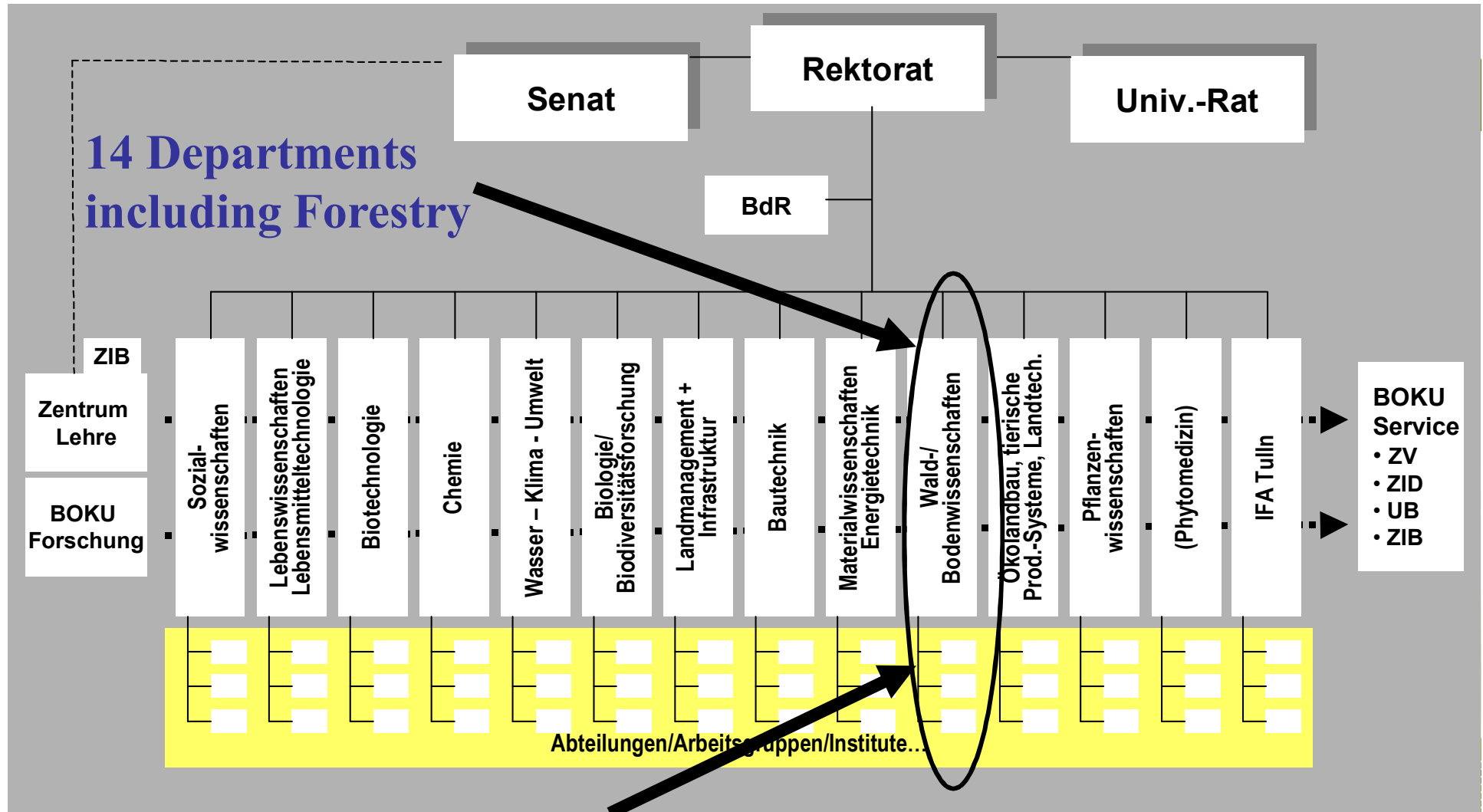


Competences:

1. Soil- and terrestrial Ecosystems
2. Water, Atmosphere, Environment
3. Habitats and Landscape
4. Renewable Primary Products, Resource oriented Technologies
5. Alimentation, Nutrition, Health
6. Biotechnology
7. Nanoscience, Nanotechnology
8. Resources and Social Dynamics, Conservation of Habitats and Quality of Life



Structure of the “BOKU”



Institutes as Units of a Department

BOKU Studies



- 3 Pillars of Education
 - Technical- and Engineering Sciences
 - Natural Sciences
 - Economic-, Social- and Law Sciences



BOKU Studies

Education at BOKU

Bachelor

Master

PhD

Life Long Learning

Quality Management

Legal Frame

Senate

Discussions





BOKU Studies

Academic:

- 3 Levels of Education
 - 9 Bachelor Studies (25%, 25%, 25%)
BSc
6 Semesters, 180 Ects
 - 25 Master Studies (15%, 15%, 15%)
MSc
4 Semesters, 120 Ects
 - 2 PhD Studies
Dr.nat.techn., Dr.rer.soc.oec.
180 Ects: 20 Ects as lectures





BOKU Studies

Academic: Bachelor



Scheme of the course programme:

Forestry

Majors

Compulsory

Optional

Practical Experience

Bachelor thesis

Total ECTS credits:

129

17

3

12

Total: 162





BOKU Studies

Academic: Master Forestry

Valid from: October 1st, 2012

Qualification requirements:

Bachelor in Forestry from BOKU or another University

Other Bachelors: Additional courses may be compulsory

e.g. Bachelor in Wood and Fiber Technology (24.0 ECTS)

**General: Basics of Forestry (40ECTS)
Core areas of Forestry (40ECTS)**





BOKU Studies

Academic: Master Forestry

Scheme of the course programme:

Majors

Compulsory courses

Master seminary

Master thesis (including defence)

Optional courses

Free optional courses

Total ECTS credits:

46

2

30

30

12

Total: 120

10 ECTS in a foreign language (English)!





BOKU Studies

Academic: Master - Forestry

3 – Pillars System

15% Technical and Engineering Sciences

15% Natural Sciences

15% Economic, Social and Law Sciences

Exception: Master thesis (30 ECTS), free optional courses (12 ECTS)





BOKU Studies

Academic: Master - Forestry

2 – Options

Option 1:

30 ECTS optional courses from the 3 pillars

Offer: Natural Sciences:	138.5 ECTS
Technical and Engineering Sciences:	77.5 ECTS
Economic, Social and Law Sciences:	75.0 ECTS

18 ECTS have to be from core subjects (6 ECTS per pillar)!

Offer: Natural Sciences:	23.5 ECTS
Technical and Engineering Sciences:	17.5 ECTS
Economic, Social and Law Sciences:	19.0 ECTS





BOKU Studies

Academic: Master - Forestry

2 – Options

Option 2:

30 ECTS optional courses from one of five Specialisation Areas

Offer:	Conservation:	45.5 ECTS
	Multifunctional Silviculture:	41.5 ECTS
	Forest Ecosystem Analysis:	37.5 ECTS
	Wood Production and Logistics:	39.0 ECTS
	Protection Forests:	37.0 ECTS

Specialisation Areas are mentioned in Master Certificate!



BOKU LLL



- Legal Frame:

LLL: 2020 - Strategy for Life Long Learning in Austria

- 4 Basic Principles
- 5 Strategic Guidelines
- 8 Key Competences

- Publishers:
 - Ministry of Education, Arts and Culture
 - Ministry of Science and Technology
 - Ministry of Labour and Social Affairs
 - Ministry of Economy, Family and Youth



BOKU LLL



- Legal Frame:

LLL: 2020 - Strategy for Life Long Learning in Austria

- 4 Basic Principles

- Gender and Diversity
- Equal Chances and Social Mobility
- Quality and Sustainability
- Performance and Innovation



BOKU LLL



- Legal Frame:

LLL: 2020 - Strategy for Life Long Learning in Austria

- 5 Strategic Guidelines

- Life Phase orientation
- Apprentice is the centre
- Life Long Guidance
- Competence orientation
- Participation support



BOKU LLL



- Legal Frame:

LLL: 2020 - Strategy for Life Long Learning in Austria

- 8 Key Competences

- Competence in mother tongue
- Competence in foreign languages
- Competence in Mathematics and Natural Sciences
- Competence with Computer
- Learning Competence
- Competence in interpersonal, intercultural and social interaction
- Enterprise Competence
- Cultural Competence



BOKU LLL



- BOKU Implementation Procedure
 - Departments suggest LLL-Activity
 - Senate develops Quality Assurance
 - Rektorat approves LLL-Activity



BOKU LLL



- BOKU Implementation Guidelines
 - Self-financing
 - Provide professional and work-related extra qualifications
 - Relevant to society
 - Fall within one of four categories



BOKU LLL



- Category I:
 - Min. 90 Ects
 - 50% by staff with „venia docendi“
 - If 120Ects or more:
 - Master of Business Administration
 - Master of Science in ...
- Category II:
 - Min. 60 Ects
 - Academically certified ...



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- Category III:
 - < 60 Ects
 - Summer Academy
 - Seminar
 - Certificate of Performance
- Category IV:
 - < 60 Ects
 - Summer Academy
 - Seminar



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- Example: Category I
 - MBA Environmental Management
 - Duration/ Costs: 3 semesters / 18.000,-€
 - **Qualification requirements:**
Bachelor, Master or Equivalent
 - **Core competence:**
 - Resources and Social Dynamics, Conservation of Habitats and Quality of Life
 - **Comprehensive competences:**
 - Habitats and Landscape
 - Renewable Primary Products, Resource oriented Technologies
 - **Additional competences:**
 - Soil- and terrestrial Ecosystems





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- Example: Category II
 - Academically certified Game Manager
 - **Duration/Costs:** 4 semesters / 12.000,-€
 - **Qualification requirements:**
Secondary school + Hunting Permit
 - **Core competence:**
 - Habitats and Landscape
 - **Comprehensive competences:**
 - Soil- and terrestrial Ecosystems
 - Renewable Primary Products, Resource oriented Technologies
 - **Additional competences:**
 - Water, Atmosphere and Environment
 - Alimentation, Nutrition, Health





Summary

- BOKU has 8 Competences
- Studies are based on 3 Pillars
- 3 Cycles of Education (BSc, MSc, Dr)
- LLL Activities
 - 4 Categories
 - Departments suggest Activity
 - Senate approves prerequisites, duration, teaching personal qualifications, degree
 - Rektorat approves Activity





Thank you for your attention!