



BOKU Experience in Qualifications Framework and Lifelong Learning

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BOKU - Location



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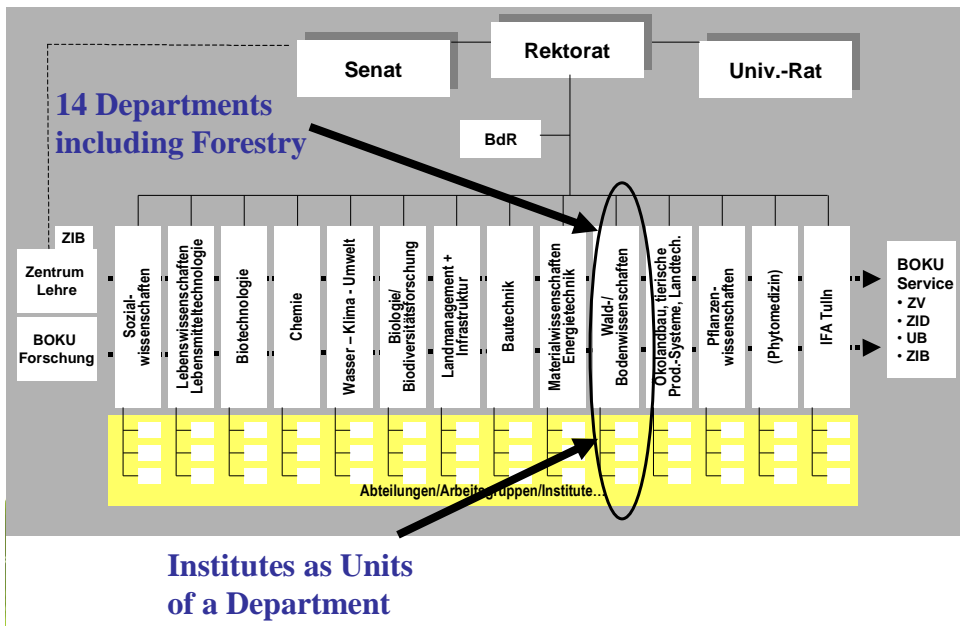
BOKU – University of Natural Resources and Life Sciences



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”



BOKU Studies

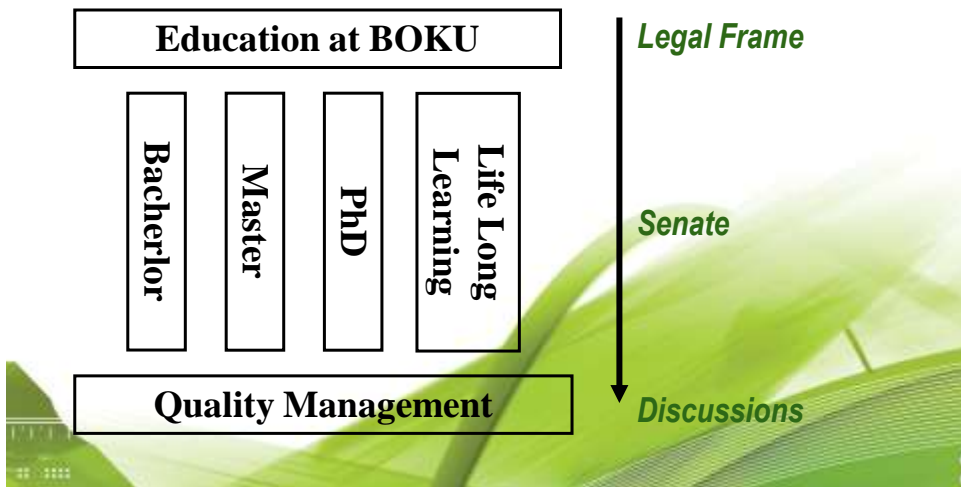


- 3 Pillars of Education
 - Technical- and Engineering Sciences
 - Natural Sciences
 - Economic-, Social- and Law Sciences





BOKU Studies



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



Scheme of the course programme:

Material and Energetic Use of Renewable Resources

Majors

Chemical, biological, technical and economical basics
Energetic use of renewable resources and economics
Material use of renewable resources and economics
Master thesis (including defence) and master seminar
Free optional courses 4

Total ECTS credits:

28
30
28
30

Total: 120



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- 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



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- 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



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- 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



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



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- 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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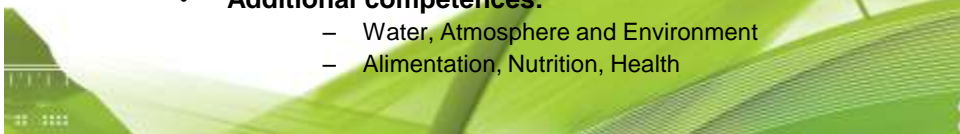
- Example: Category I
 - Master of Environmental Management MBA
 - **Core competence:**
 - Resources and Social Dynamics, Conservation of Habitats and Quality of Life
 - **Comprehensive competences:**
 - Habitats and Landscape
 - Renewable Primary Products, Resource oriented Technologies
 - **Additional competences:**
 - Soil- and terrestrial Ecosystems



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- Example: Category II
 - Academically certified Game Manager
 - **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!