

Faculty of Environment and Natural Resources Freiburg, Germany

Albert-Ludwigs-Universität Freiburg



**UNI
FREIBURG**

The Faculty in Figures



- 3 institutes (Forest Sciences, Environmental Natural Sciences, Environmental Social Sciences)
- 160 permanent staff
- 35 full professors
- 2000 students
- 250 PhD students

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

The Faculty's Study Programs



Master of Science 2 years



Bachelor of Science 3 years ALL IN GERMAN

Teaching Degree
Geography



Umweltwissenschaften / Environmental Sciences



4. SoSe

Masterarbeit / Master Thesis

3. WiSe

Praktikum	Wahlpflichtmodule					→
Internship	Individual Electives					→

2. SoSe

Elective tracks / Profillinien	Umweltwahrnehmung und Umweltbildung (Kleinschmit)	Nachhaltiges Energie- & Stoffstrommanagement (Pauliuk)	Freilandökologie (d + e) (Klein)	Elective tracks / Profillinien	Formenkenntnisse, Biodiversität und Funktionen (Klein)	Renaturierungsökologie mit Schwerpunkt Vegetation (Klein)	Praktikum	Landnutzung und Naturschutz
	Nachhaltige Landnutzung im Klimawandel (Lang)				Angewandte Klimafolgenforschung (Werner)	Experimentelle Ökosystemforschung (Kreuzwieser)		Ökologie des Klimawandel
	Environmental Statistics (Dormann)				GIS Plus (e) (Weinacker)	Modelling Environmental Systems (Dormann)		Environmental Modelling and GIS
	Protected Area Management (Heurich)				ConFoBi Conservation of Forest Biodiversity (Storch)	Insect Communities and Dynamics (Boppré)		Wildlife and Biodiversity
	Physical + Mechanical Behavior of Wood (Laborie)				Bio-based Polymers (Laborie)	Bioenergy II: Bioenergy from Woody Biomass (Paczkowski)		Biomaterials and Bioenergy
					Internship			

1. WiSe

Core Modules / Kernmodule	Forschungskompetenzen (Kruse)	Ecosystem Processes and Functioning (Werner)	Environmental Policy (Kruse)	Elective tracks / Profillinien	Nachhaltige Regionalentwicklung (Schanz)	Nachhaltige Landnutzung und Naturschutz (Klein)	Umweltverträglichkeitsprüfung (Koch)	Landnutzung und Naturschutz
	Research Skills (Dormann)		Environmental Economics (Baumgärtner)		Grundlagen des Klimawandels (Schindler)	Konzepte der Klimafolgenforschung (Werner)	Labormethoden (Lang)	Ökologie des Klimawandel
					Data Collection, - Storage, - Management (Lange)	Process Modelling with Numerical Methods (Schack-Kirchner)	Databases and Geovisualisation (Dormann)	Environmental Modelling and GIS
					Biodiversity (Boppré)	Research in Wildlife Ecology (Segelbacher)	Conservation Biology (Storch)	Wildlife and Biodiversity
					Introd. to Bioresources and their Chemistry (Laborie)	Bioenergy I: Bioenergy From Non-woody Biomass (Paczkowski)	Structure and Conversion of Lignocellulose (Laborie)	Biomaterials and Bioenergy

4. SoSe

Masterarbeit / Master Thesis						
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3. WiSe

Praktikum	Forstbetriebl. Management I	Führung im Forstbetrieb	Forstrecht und Holzmarkt	Forstbetriebl. Management II	Analyse forstl. Arbeitssysteme	Prozesse und Produkte der Holzverwertung
Internship	Bodenschutz im Forstbetrieb	Praxiskurs Sattelmühle	Optimierung forstl. Prozesse	Wildlife Habitat Modelling	Biomass Resource Assessment	

2. SoSe

Elective tracks / Profillinien	Forstplanung (Projekt Forsteinrichtung) (Hanewinkel)	Core Modules / Kernmodule	Bodenkunde und Standortanalyse (Reif)	Waldbau und Waldschutz (Bauhus)	Elective tracks / Profillinien	Wildtiermanagement und Jagdwirtschaft (Storch)	Waldbausysteme und Wachstumssteuerung (Bauhus/Kahle)	Praktikum	Forstwirtschaft	
	Close-to-Nature Forest Management (Bauhus/Kahle)		Ecosystem Management (Pokorny)	Soil Ecology Management (Lang)		Integrated Land Use Management (Pokorny)	International Forest Governance (Kleinschmit)		Internship	International Forestry
	Protected Area Management (Heurich)					Conservation of Forest Biodiversity (Storch)	Insect Communities and Dynamics (Boppré)			Wildlife and Biodiversity

1. WiSe

Core Modules / Kernmodule	Forschungs-Kompetenzen (Kruse)	Analyse der Waldpolitik (Kleinschmit)	Waldinventur, Waldwachstum, Informationssysteme (Koch)	Elective tracks / Profillinien	Waldnutzung und Naturschutz (Suchomel)	Forstökonomie (Yousefpour)	Verfahrenstechnik, Holzernte und Logistik (Suchomel)	Forstwirtschaft
	Research Skills (Dormann)	Forest Inventory Designs (Dormann)	Forest Economics and Management (Hanewinkel)		Forest Resources, their Goods and Services (Kahle)	Plantation Forestry (Bauhus)	Carbon Forestry (Bauhus)	International Forestry
					Biodiversity (Boppré)	Research in Wildlife Ecology (Segelbacher)	Conservation Biology (Storch)	Wildlife and Biodiversity

Five research areas:

1. Adapting Ecosystems to Global Change
 2. Biodiversity and Conservation
 3. Environmental Governance
 4. Integrated Water Research
 5. Natural Resources and Sustainable Land Use
- Academic qualification courses
 - Funding supplements, native proofreading

Why offer English study programmes?



Benefits for the students

1. Make German students aware of international opportunities – and competition.
2. 50% of our students do their internships abroad.
3. English as today's *lingua franca* need to be practiced.
4. International students bring international perspective on content.
5. English leads to slower, more deliberate lectures.

Why offer English study programmes?



Benefits for the Faculty

1. Attract the best students worldwide for science in our faculty.
2. Allowing for English teaching makes the Faculty more attractive for non-German professors.
3. Facilitates involvement of visiting scientists and international lecturers.

1. Without training in a native-English country, the level of English spoken by staff may be too poor for involved scientific debate.

Resources: podcasts (Science, Nature, BBC comedy) → hardly any lecturer takes the time to listen to them

2. Insufficient grasp of English can lead to misunderstandings (“eventually” vs “eventuell”)
3. Preparation is harder, but teaching credits are the same.

“Intercultural competence”

- Cultural awareness
- Cultural robustness
- Cultural interest
- Cultural acceptance

of both teaching staff and students.

Do visit us here



or here: www.unr.uni-Freiburg.de/en