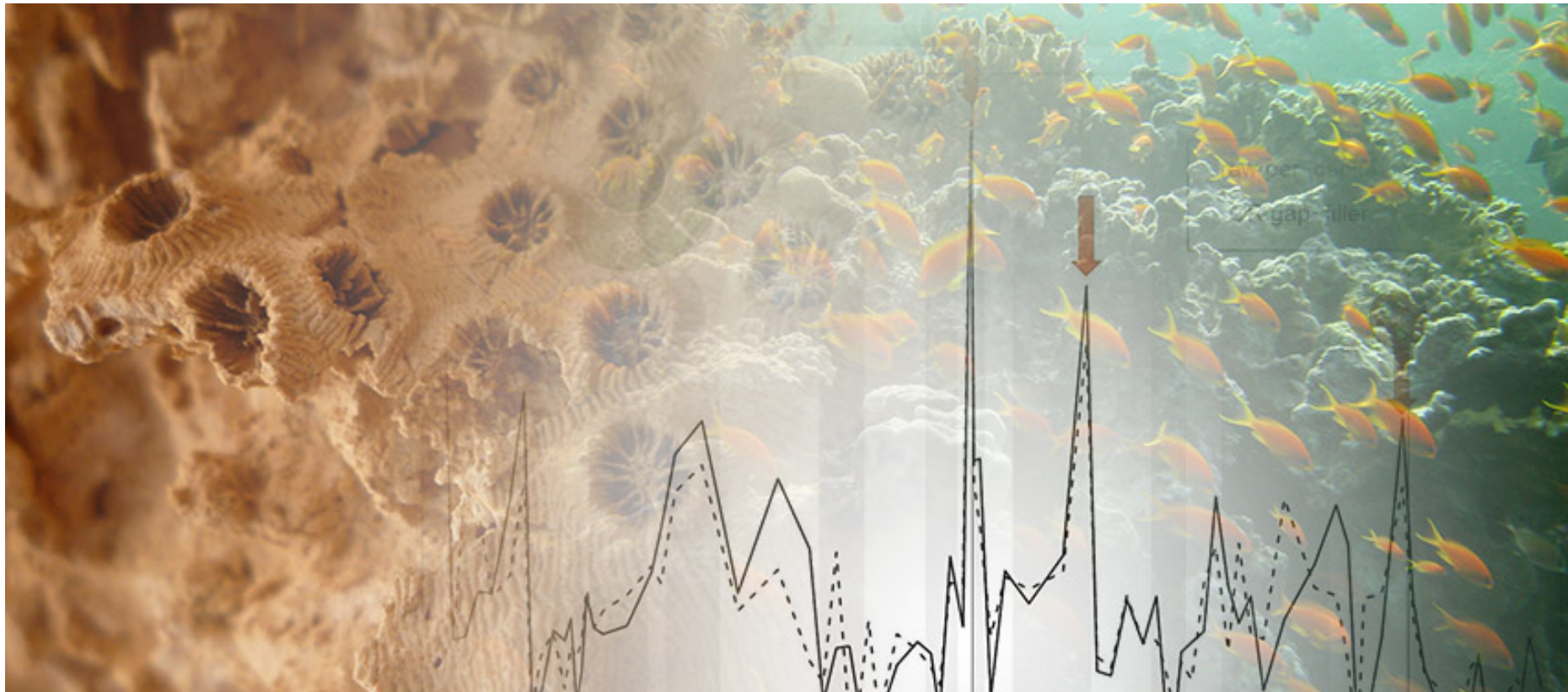


International Master in Geosciences: Palaeobiology

Friedrich-Alexander-University Erlangen-Nuremberg



Why Paleobiology?

www.paleobiology.de

- We seek students with background in Biology, Geology, Environmental Sciences, Ecology, Geography and all natural sciences who want to take a global look at processes affecting the Earth today
- Training a new generation of scientists capable to address global climate change and its impact on organisms and ecosystems
- Theoretical concepts of **macroecology** and **macroevolution**
- Statistical techniques and scientific programming





In the heart of Bavaria

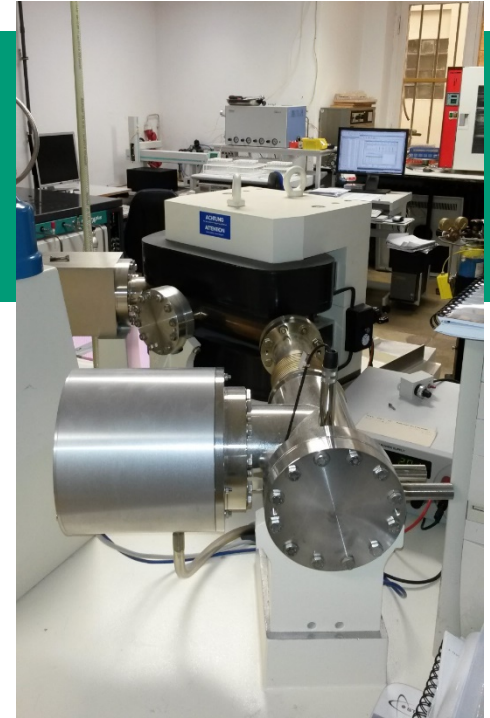
- Well connected: 2 h to Munich, 3 h to Frankfurt
- Excellent public transport
- Outstanding geology and famous fossil localities
- Picturesque Medieval towns and fortresses
- The second largest beer festival in Germany
- International
- Famous for rock-climbing and kayaking sites



Our facilities

World-class laboratories and collections

- Laboratory for C, N and O isotope analyses
- Metal-free geochemistry lab for Sr, Nd, Pb, Hf and Mo isotopes
- Europe's largest microfacies collection
- The PaleoReef database
- MicroCT scanner, thin section and fossil preparation facilities



Program structure

- 2 years, winter semester October-February, summer semester April-July
- Master in Geosciences
- No tuition fees, all classes taught in
- Two modules:
 - Paleobiology – lectures and practicals
 - Earth Systems Research Lab – own project: grant proposal, scientific article, popular talk, poster, conference presentation, science slam

**Deadline for applications
31st May 2018**

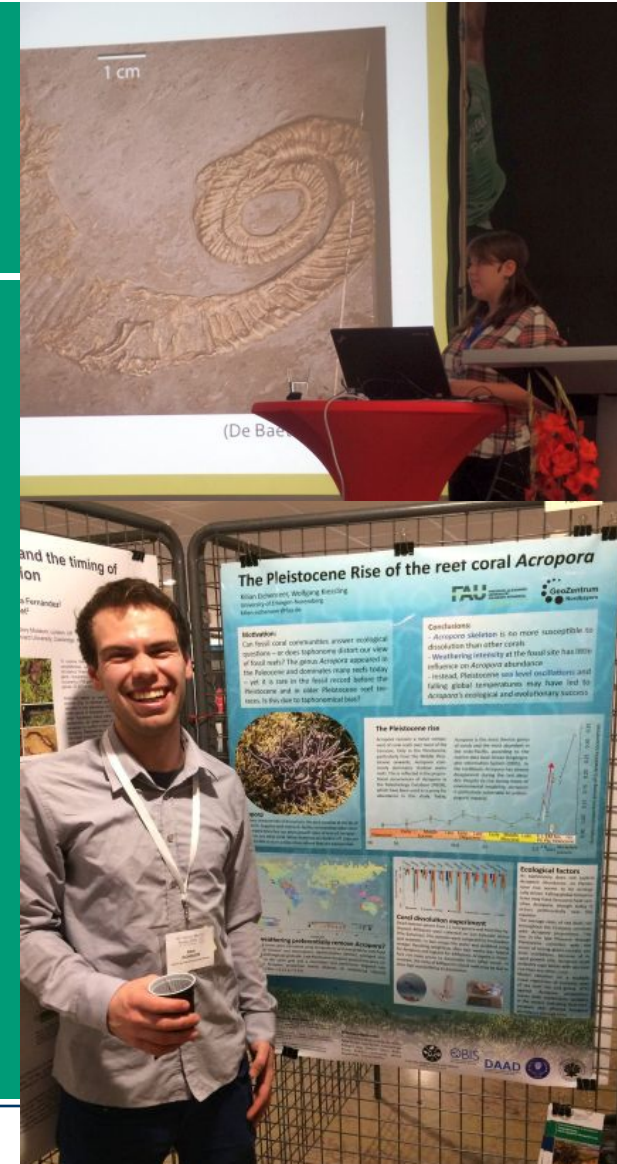
ECTS	Palaeobiology-Palaeoenvironments			Earth Systems Research Lab		
30	Morphology, Systematics and Ecology of Invertebrates	Consolidation of basics II	Microfacies analysis and diagenesis of carbonate rocks	Sedimentary geochemistry	Research Project Design	SSC
30	Palaeobiology I	Palaeobiology II	Analytical Palaeobiology	Tracers, Isotopes & Natural Attenuation	Research Project Implementation	KQ1
30	Palaeontological Research I	Palaeontological Research II	Palaeontological Research III	Data Mining and Analysis in Earth System Research	Science Communication	KQ2
30	Master's thesis and defence in Palaeobiology					

SC - supplementary course
KQ - key qualifications

Career Perspectives

Competitive in the international job market

- Universities and research institutions
- Research funding, policy and administration
- Museums and geoparks
- Conservation biology
- Scientific publishing houses, editorial offices, media
- Extractive industry and geological surveys
- Science communication



**More information on our website
www.paleobiology.de**

You can contact me at Emilia.Jarochowska@fau.de

Deadline for applications: 31st May 2018

