

**2.3 Study Area: Earth and Environmental Sciences and Governance**

<b>Climate Change and Biodiversity</b>			
Course Number	00LE62VS-LAS-GOEE0004	Teaching Period	Block I
Study Area(s)	Earth and Environmental Sciences, Governance	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II, Specialization Option: Law, Politics, Administration Elective module (Joker)	Module(s) (StuPo 2015)	Specialization Option: EES I or II, Human and the Environment, Specialization Option GOV I or II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Dr. Benoit Sittler (benoit.sittler@nature.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12.: Tue, 08/09-12h, AU 01065 Thu, 08/09-12h, AU 01065		
Course Description	<p>Climate change and biodiversity are among the major environmental issues modern societies face. They call for governance solutions both on global and local levels.</p> <p>In this course, you will first discover methodological approaches (such as proxies) to the monitoring and assessment of past and present changes in biodiversity. We will consider in detail examples illustrating these approaches looking into, namely, an ongoing long-term project in Greenland, which will provide you with unique insights into effects of climate change on biodiversity. You will understand the basic principles and dynamics behind the climate variability and the link to biodiversity.</p> <p>In the second part of the course we will focus on governance. We will discuss how issues like climate change and loss of biodiversity find their way onto political agendas. We will explore standard-setting mechanisms, especially in respect to the measurement of climate change and its effect on the biodiversity. Furthermore, we will analyze regulatory policies introduced and implemented on the international, national, and local levels.</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority, excursions on Fridays possible		