

<b>Geo Hazards</b>			
Course Number	00LE62VS-LAS-IN0007	Semester - Dates	WS 15/16 - Block I
Study Area(s)	Earth and Environmental Sciences, Governance, Elective	Course Format	Seminar, Excursion
Module(s)	Specialization Option EES I or II, Advanced Governance I or II	Credit Points	3 ECTS (SL) + 3 ECTS (PL)
Open to Students	Year(s) 2, 3, 4	Max. Enrollment	25
Prerequisites	Introductory Module: Thought and Research in the Area of Earth and Environmental Sciences or Introductory Module: Thought and Research in the Area of Governance		
Instructor(s)	Prof. Dr. Hoppe		
Times and Rooms	Seminar Mo, 12-14, AU 01 065 Wed, 8-10, AU 01 065 Thu, 12-14, AU 01 065 There will be two additional half-day excursions. Dates and times tba by the lecturer.		
Course Description	<p>Geo-Hazards – Risks, Mitigation and Management</p> <p>Geological hazards depend on plate tectonics as well as specific regional and local conditions. Their possible consequences are widely influenced by human behaviour.</p> <p>The course will give an overview on origins and phenomena of earthquakes, tsunamis, volcanoes, mass movements and harmful geogenic elements and minerals. Possibilities of prediction as well as mitigation strategies will be discussed. Furthermore, environmental security and legal aspects, risk monitoring and crisis management will be covered, supplemented with excursions and guest lectures.</p> <p>A seminar on different case studies of ancient and recent catastrophes will require interdisciplinary work in groups.</p>		
Remarks			