

Modulbezeichnung:	Environment and Health (EH)	
Studiensemester:	3. Semester	
Modulverantwortliche(r):	Prof. Dr. G. Klein	
Dozent(in):	Prof. Dr. G. Klein	
Sprache:	englisch	
Zuordnung zum Curriculum:	BSc Bio, 5 Sem.	
Lehrform/SWS:	Die Lehrereinheit besteht aus Vorlesungen und seminaristischem Unterricht V: 1 SWS S: 2 SWS	
Arbeitsaufwand:	Präsenzstunden	Eigenstudium
	V: 15	15
	S: 30	30
	Summe: 45	45
	Summe total: 90 Stunden	
Kreditpunkte:	3 ECTS	
Voraussetzungen nach Prüfungsordnung:	Keine	
Empfohlene Voraussetzungen:	Englische Sprachkenntnisse	
Angestrebte Lernergebnisse:	<p>At the end of the course the students</p> <ul style="list-style-type: none"> - can give an overview about historical and political processes at the environment-health interface, - understand in-depth the sustainable or non-sustainable human-environment interactions, - understand effective means and tools for creating environments favourable to human health, - have an in depth knowledge about the impact of industrial and societal activities on human well-being, - know the direct or indirect economic consequences of violating basic natural law, - understand the basics of natural resources and global systems, and limits to their use or exploitation. 	
Inhalt:	<p>This course will describe the links between environmental conditions and human health and well being. The approach towards creating environments supportive to human Health and Wellbeing goes well beyond the idea of protecting natural environments in their own value, and moves the agenda from a protective and charitable attitude towards a creative and sustainable investment strategy on several fields of action:</p> <ol style="list-style-type: none"> 1. The science-policy process from "Limits to growth" (1972) across the Rio-Earth Summit (1992) towards Agenda 21 in Policy, and practical Implementation in presence and future, towards achieving sustainable Human Health and Well-being, 2. Environmental Health (EH) Policy as effective tool in Health 	

	<p>Promotion and Disease Prevention.</p> <p>3. Policy areas relevant for EH, constructive processes at national, regional and global level.</p> <p>4. Case studies in fields like Transport, Water and Energy Management, Agriculture and Food Production.</p> <p>5. Environment and Lifestyle, with special attention to Water and Air Hygiene, Food and Tobacco Smoking.</p> <p>6. General aspects of EH-Economy and use of natural Resources.</p> <p>7. Cultural aspects, Human Rights, Respect and Dignity, harmonizing Ecology and Economy.</p>
Studien-/Prüfungsleistungen:	Am Ende der Lehrveranstaltung findet eine mündliche Prüfung in Form einer Power-Point Präsentation statt.
Medienformen:	Vorlesung: PowerPoint, Tafel
Literatur:	Meadows: Limits to Growth, W.v.Dieren: Taking Nature into Account, WHO: EH in Europe; EEA: Europe's Environment, Late lessons from early warnings; Wuppertal Institut: Nachhaltiges Deutschland