

Georg-August-Universität Göttingen Module M.WIWI-WB.0014: Interdisciplinary Study of the Climate Neutral City Mission	6 C 2 WLH
Learning outcome, core skills: Students will: <ul style="list-style-type: none"> • apply insights from different academic disciplines on challenges related to climate adaptation and effective mitigation in a European city, • explain and discuss diverse technologies and interventions at urban/city level to improve performance from a sustainability perspective, • explain and discuss legal, economic and societal drivers and bottlenecks towards climate positive interventions from a range of different (European) perspectives, • in an international and interdisciplinary team with students from across Europe create a coherent proposal for a city-wide approach, • present a proposal to stakeholders invested in energy transition within a city related to the ENLIGHT network, • reflect on personal growth. 	Workload: Attendance time: 50 h Self-study time: 130 h
Course: Interdisciplinary Study of the Climate Neutral City Mission (Seminar) <i>Contents:</i> In this course, we want to introduce and discuss the building blocks necessary to consider a complex problem, such as a climate neutral city, and to provide a hands-on, challenge-oriented contribution. The structure is as follows: <ol style="list-style-type: none"> 1. Introduction to mission driven actions, the study site and its context, and challenge-based learning 2. Building blocks: over a period of 9 weeks both technological and societal building blocks will be introduced by expert speakers from 9 different institutions across Europe; each session is followed by a group reflection activity 3. Action: over the course of one immersion week, the students will gather in international and interdisciplinary teams to elaborate a case study on a European city within the ENLIGHT network, this can involve a topic (water, energy, etc.) or a district. The case study is elaborated into a presentation, presented by the students to a panel including also societal actors. 	2 WLH
Examination: Presentation (of case study, approx. 25 minutes) with written elaboration (max. 5 pages) ! Interdisciplinary Study of the Climate Neutral City Mission Examination prerequisites: Regular attendance in teaching activities and the immersion week.	6 C
Examination requirements: The course consists of online lectures provided by international partners of the ENLIGHT network spanning key aspects related to achieving climate neutrality at city level. Students are expected to work together in international and interdisciplinary teams to create a proposal to solve a challenge associated with this topic that includes societal, legal, economic, technological considerations. For this, students will be grouped in	

<p>teams, which will meet during one on-site immersion week to develop their case study and present it.</p> <p>The final grade will be determined by the quality of the oral presentation (50%) and the report containing the personal reflection and self-evaluation (50%).</p>	
Admission requirements: none	Recommended previous knowledge: none
Language: English	Person responsible for module: Prof. Dr. Kilian Bizer, Prof. Dr. Inga Moeck
Course frequency: irregular	Duration: 1 semester[s]
Number of repeat examinations permitted: twice	Recommended semester: 2
Maximum number of students: 45	
Additional notes and regulations: <p>This course takes place within the context of the European Universities network ENLIGHT. 5 Students of each of the nine partner universities will be able to participate in this course. Students interested in participating should get in touch with the persons responsible for the module. Each iteration of the course will have a different regional focus; the on-site immersion week will accordingly take place in a different European city in each iteration of the course.</p> <p>Number of repeat examinations permitted: Once. Second examination opportunity: Thorough reworking of the case study or elaborating an individual case study.</p>	