

# **Sustainable Development in Urban Spaces**

**Course Outline**

**2020**

<b>Course Date</b>	03.08.2020 – 14.08.2020
<b>Class Hours</b>	76 contact hours. Course will be taught in a block style. Furthermore, an assessment at home will add another 74 hours of preparation.
<b>Lecturers</b>	Prof. Erik Röthele, Frankfurt University of Applied Sciences Prof. Citlali Ayala, Instituto de investigaciones Dr. José María Luis Mora Dr. Isela Orihuela, Instituto de investigaciones Dr. José María Luis Mora
<b>Course Description</b>	<p>The implementation of the Agenda 2030 for Sustainable Development responds to a global consensus to promote progress in developed and developing countries. Sustainable Development Goals (SDG), especially Goal 11 on Sustainable Cities is particularly relevant and succeeds in combining the theme of development with the fundamental elements to lead our cities towards a sustainable future, respecting the three columns of sustainable development - ecology, economy and society.</p> <p>In this summer course, students will discover that development cooperation in combination with sustainability is able to promote sharing knowledge and experiences, as well as useful elements for future development, in urbanism, architecture and engineering. In this way, the students develop cross-disciplinary and cross-continental methods that contribute to the achievement of both global sustainability and climate goals.</p>
<b>Learning Outcomes and Task</b>	<p>In culturally mixed teams of 4 students per group, students learn about the global importance of the 2030 agenda and the SDG. They explore the importance of sustainability and assess its impact on architecture, development cooperation and social envelopment. Furthermore, they evaluate appropriate methods to analyze the function of cities and their developments and apply those detected methods to suitable fields of action.</p> <p>Students compare their findings with corresponding situations from their home countries. From this analysis, they develop exemplary proposals for strategically important buildings e.g., hospitals, elderly homes, schools or urban spaces such as city squares, parks or university campuses etc. The consciousness about redesigning existing buildings or by designing new urban structures is formed. This architectural approach is completed by the implementation of development cooperation. Strategies and their tools for project planning and project control are applied.</p>
<b>Course Method</b>	<p>Various learning methods are combined in an environment of blended learning as lectures, workshops, site visits or field trips, peer learning and group work.</p> <p>The project work must be logged by each student in a handbook. Students are free to choose how to present their findings in a portfolio. It includes drawings, texts, photo series, short films, or pictures of three-dimensional models.</p>
<b>Course Material</b>	Students should bring the following materials: Laptops, sketchbook, pens and colored pencils. All other materials will be made available or can be purchased during the summer school.

<b>Credits</b>	Students will earn a total of 5 ECTS points for the successful completion of the summer school. Another 1 ECTS point can be achieved by the students in doing extra work if desired.
<b>Assessment</b>	The groups consisting of international students will prepare an online presentation of the findings in a chosen format in their home countries. The presentation will take place online on Friday, August 26 <sup>th</sup> 2020 at the University of Applied Sciences in Frankfurt.
<b>Grading</b>	Students will receive one grade on Sustainable Development in Urban Spaces based on the German grading scale. This grade will appear on their transcript.

## **GENERAL INFORMATION**

### **Assessment and Credits**

Upon successful completion of the summer course, students will be awarded ECTS points. A single ECTS point is defined as the equivalent of 25-30 hours of student workload, which includes class hours, readings, preparation for class activities, as well as an assessment measure.

Learning will be assessed at the end of the summer course. Lecturers will inform students about the assessment measures at the beginning of the summer course. Students will receive a Transcript of Records showing their grades earned in the course. This document can be presented to their home institution for credit.

### **Grading**

Grades will be awarded based on the German grading system:

1,0-1,3	sehr gut	very good: an outstanding achievement
1,7-2,3	gut	good: an achievement that is substantially above average requirements
2,7-3,3	befriedigend	satisfactory: an achievement that satisfies average requirements
3,7-4,7	ausreichend	sufficient: an achievement that still meets the requirements
5	nicht ausreichend	not sufficient / failed: an achievement that does not meet the requirements
NP	No Participation	

### **Email and Moodle Online Learning Platform**

Students are required to use Moodle, our E-Learning Platform. Using Moodle enables students to stay in contact with program administration, lecturers, and fellow students. We also expect students to check their emails on a regular basis. All course materials will be posted on Moodle.

### **Professional and Class Participation**

Class participation is considered a requirement for successfully completing the program. An attendance list will be issued for each class. Student questions, answers, comments, and insights over the course will not only benefit the whole class, but it will also ensure that students have a better understanding of the class material and contribute to their overall academic success. Please avoid being late for class, not turning off your cell phone before class, leaving class before the end of it, talking while someone else (either the professor or one of your fellow students) is talking, and any other unprofessional conduct.

### **Attendance**

Students should attend each class. If students have to miss a class, they should a) complete the required homework or readings, b) get copies of the notes presented that day, and c)

talk with classmates about what they missed. Students also need to inform their lecturer if they need to miss class. This can be done in person or via email.

**Academic Honesty**

Students caught cheating or plagiarizing will fail, at our discretion, either the assignment in question or the entire program.