<table>
<thead>
<tr>
<th><strong>Course title:</strong></th>
<th>Sustainable Development</th>
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<tbody>
<tr>
<td><strong>Course year:</strong></td>
<td>3rd</td>
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<tr>
<td><strong>Semester:</strong></td>
<td>1st</td>
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<tr>
<td><strong>Course Code:</strong></td>
<td>17270</td>
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<tr>
<td><strong>Scientific sector:</strong></td>
<td>SECS-P/06</td>
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<tr>
<td><strong>Lecturer:</strong></td>
<td>Claus Tully</td>
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<tr>
<td><strong>Lecturer other module:</strong></td>
<td>/</td>
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<tr>
<td><strong>Module:</strong></td>
<td>No</td>
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<tr>
<td><strong>Credit Points:</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Total lecturing hours:</strong></td>
<td>45</td>
</tr>
<tr>
<td><strong>Total Hours of availability for students and tutoring:</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>Office hours:</strong></td>
<td>from Monday to Friday on request, Teams</td>
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<tr>
<td><strong>Attendance:</strong></td>
<td>according to the regulations</td>
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<tr>
<td><strong>Teaching Language:</strong></td>
<td>English</td>
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<td><strong>Propaedeutic course:</strong></td>
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**Course Description:**

Sustainable Development (SD) has become a popular catchphrase in contemporary public discourse. The problems with climate damage, with CO2-Problems, with missing water, are broadly discussed. The concept still seems unclear as many people continue to ask questions about its meaning. What are this concept’s history, the concepts, and the milestones for the next years? How will it be possible to transform the planning and theory into practice?

**Specific educational objectives:**

The lecture will contribute to the discourse on SD by explaining the paradigm and its implications for human thinking and actions and the pursuit of sustainable development.

We shall have a look at actual problems, and solutions. We address the role of media in the process toward a more sustainable world, focusing on the interconnected pillars, namely the environment, economy, and society. Knowledge transfer is required and human behavior has to be shaped for action (local, national and international) in the private sector and civil society.

We need better resource management, we need policies, comprehensive education, and regulation to ensure that everyone is sustainable development aware. Sustainability is less a technical but a cultural project.

**List of topics covered:**

- Sustainability
- Social sustainability
- Environmental sustainability

Knowledge corresponding Sustainability
Development, history of SD, Risks Society, the role of media the distribution of knowledge, and the production of environmental effects, you should be able to discuss relevant interdependences of different activities (for example consumption vs. energy, land use, pollution).

Subjects: Development Studies; Development Theory; Environment & the Developing World: sustainable development; sustainable development goals: economic

The impact of mobility on CO\textsubscript{2} emissions

**Teaching format:** Lectures, group exercises, discussions, audio-visual material

**Learning outcomes:**

The learning outcomes need to refer to the Dublin Descriptors:

- Knowledge and understanding, knowledge of basic concepts
- Applying knowledge and understanding of definitions and programs of SD, ability to ably social-scientific approaches
- Making judgments corresponding to SD, developing critical and interdepend thinking
- Communication skills, to argue about relevant aspects, development of critical thinking
- Learning skills, ability to apply new concepts and information to promote SD

**Assessment:**

- Attending students: course assessment will be based (a) on group in-class and in-class presentations (0.5 * 75%) plus essay (0.5 * 75%)
  \[ \rightarrow \text{total (a) 75\% and a final (b) oral exam 25\%} \]
- Non-attending students’ course assessment will be based on written exams (100%)
- Students will have to explain what sustainability means (social sustainability; environmental sustainability).
- They should be able to communicate about Development, the history of SD, Risks to Society, the role of media the distribution of knowledge, and the production of environmental effects, you should be able to discuss relevant interdependences of different activities (for example consumption vs. energy, land use, pollution). Subjects: Development Studies; Development Theory; Environment & the Developing World: sustainable development; sustainable development goals: economic

**Evaluation criteria and criteria for awarding marks:**

Evaluation criteria are:

- Demonstration of comprehension and ability to apply correctly definitions and concepts
- Understanding of the logical structure of SD
- Students should explain why SD is a relevant global problem
- Differences between knowledge and doing

Final mark:
Relevant for the oral and written exam: the ability to evaluate, ability to argue, critical analysis skills, ability to summarize in own words, the reflection on concepts and programs

<table>
<thead>
<tr>
<th><strong>Required readings:</strong></th>
<th>Brinkman: Introduction to Sustainability</th>
<th>Backwell Heinrich, H. et al. Sustainable Science 2016</th>
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<tbody>
<tr>
<td></td>
<td>Murnier, N: Introduction to Sustainability</td>
<td>Sustainable Development Goals</td>
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<td></td>
<td>Justice Mensah: Sustainable development: Meaning, history, principles, pillars, and implications for human action: Literature review</td>
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<td>Ramanan, R.: Introduction to Sustainability</td>
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| **Supplementary readings:** | Benn, S. (et.al) Sustainability. A key Idea for Business and Society (especial for global thinking, C.T) |
|                            | Sennet, R. Corrosion of character |
|                            | Augé, M. Non-Places |
|                            | Luhmann, N.: Risk: A sociological Theory |
|                            | Beck, U. Risk society |
|                            | Telecommunication vs Transportation |
|                            | Miller, J.: Media and mobility |
|                            | Tully/Alfaraz Youth and mobility |
|                            | Kesselring, S. et.al. Sharing Mobilities |