<table>
<thead>
<tr>
<th>Module name</th>
<th>Subject area</th>
<th>Duration/ sem.</th>
<th>Frequency of offering</th>
<th>Type (C/CE/E)</th>
<th>Emphasis in overall grade/ %</th>
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</thead>
<tbody>
<tr>
<td>Economics and Planning of Technical Urban Infrastructure Systems</td>
<td>Resources, Institutions and Instruments</td>
<td>1</td>
<td>each WiSe</td>
<td>CE</td>
<td>4,17</td>
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<th>CP (according to ECTS)</th>
<th>Workload/ h.</th>
<th>Self-study/ h.</th>
<th>Contact time/ h.</th>
<th>Contact hours/ week</th>
<th>Type of exam</th>
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<td>5</td>
<td>150</td>
<td>120</td>
<td>30</td>
<td>2 SWS</td>
<td>R / H / S</td>
</tr>
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</table>

**Previous knowledge/ Conditions for participation (in form and content)**

First year of REAP M.Sc. programme

**Educational aim of the module (Learning results, Skills)**

Understanding of principles of infrastructure planning
Understanding of principles of industrial organisation and technical urban services regulation

**Course contents**

- Planning
  - Planning in Germany
  - European / international framework
- Infrastructure Planning
  - Infrastructure Planning in Germany
  - European / international framework
- Economics and regulation of technical urban infrastructure systems
  - Cost structures and market forms, cost allocation of building and operating urban technical services
  - Regulation of urban technical services (operating licences, yardstick competition, network access etc.)

The course presents theoretical concepts and illustrates these with real world examples and data. In particular, aims and success of regulatory reform in the technical urban service sectors will be discussed.

**Teaching and learning methods**

Seminar, seminar discussions, individual student inputs for specific subjects.

**Condition for awarding the ECTS-credits**

Semester work (collection) (S): regular participation and one or more of the following: Successful completion of student report, oral presentation, take-home written exam.

**Further information**