# Smart City Solutions
## Curriculum: 3 Semesters

### Semester 1 (6 ECTS)
**Urbanism, Buildings, Information**
- **Module 1 BS**: Basics of Smart Solutions (Dr. Dietarle, 6 CP/6 w.p.s.)
- **Module 2 SU**: Smart Urbanism (Dr. Kuhla v. Bergmann, 6 CP/6 w.p.s.)
- **Module 3 SB**: Smart Buildings (Prof. Binder, 6 CP/6 w.p.s.)
- **Module 4 IM**: Smart Information Modelling (Dr. Seelig, 6 CP/6 w.p.s.)

### Semester 2 (6 ECTS)
**Infrastructure, Finance, Management**
- **Module 5 EM**: Smart Energy & Mobility (Prof. Schmidt, 6 CP/6 w.p.s.)
- **Module 6 RR**: Smart Resources & Resilience (Prof. Schmidt, 6 CP/6 w.p.s.)
- **Module 7 SF**: Smart Sustainable Finance (Prof. Raim, 6 CP/6 w.p.s.)
- **Module 8 GM**: Smart Governance, Citizens & Management (Prof. Reim, 6 CP/6 w.p.s.)

### Semester 3 (6 ECTS)
**Master Thesis Project**
- **Module 10 TP**: Master Thesis Project (Dr. Kaplan, 10 CP/10 w.p.s.)
- **Module 11 MT**: Master Thesis (Dr. Dietarle, 20 CP/20 w.p.s.)

### Electives and Deependings
**In order to enable students to specialize and deepen their knowledge, the case studies allow them to deepen their knowledge of different subject areas. In addition, lectures of the Master's programme internation project management can be attended to specialise in individual subjects. These can only be visited additionally, not in place of Smart City Solutions lectures. ECTS and grades of lectures from IPM can not be considered in SCS.**

**NOTE:** In addition, lecturers of modules 1-8 contribute to supervision of respective case study chapters (0.5 OUT OF 1.5 W.P.S. PER LEARNING UNIT) **(OFT LEARNING UNIT)** **(JOINT LECTURES WITH ITM STUDENTS)**