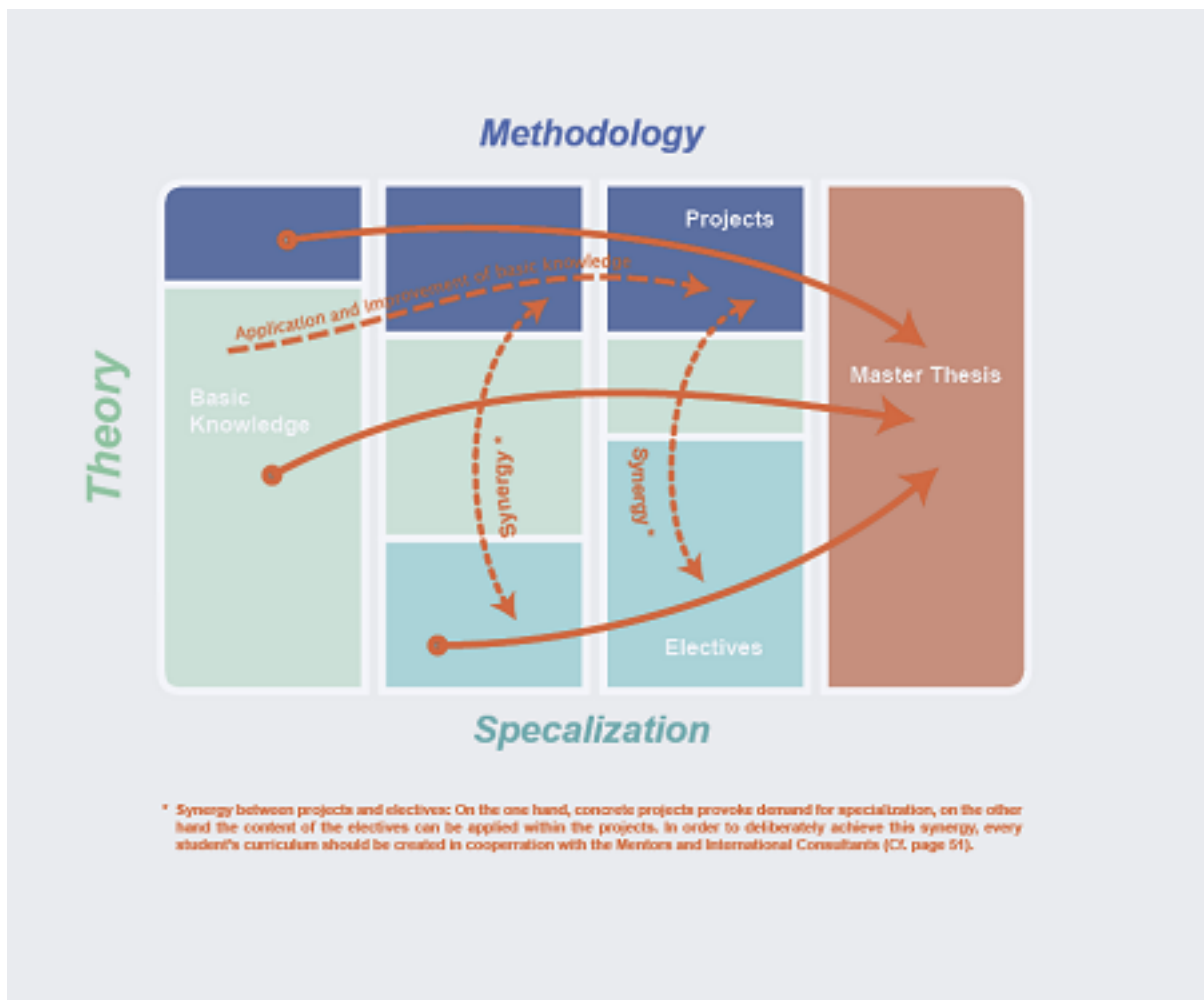


Course Cycles



A wide-spread theoretical basic knowledge (theory), the impartation of methods and tools for problem solution and project realization (methodology), and the possibility to acquire problem and interest specific knowledge (specialization) is the foundation of the Master Course.

During the first Semester ...

basic knowledge is increasingly imparted. The basic knowledge is content wise wide-spread and ranges from construction systematic basics (P 03 ARC) over logistics and manufacturing-/ construction-processes (P 03 ARC, P 05 FEM) to lifecycle relevant technologies and assistive systems in buildings (P 03 ARC, P 04 BSP). Basics in innovation development (P 04 BSP, P 07 MOI) and socio-technological aspects (P 04 BSP, P 05 FEM) are also imparted. A small Preproject (P 01 pP) is supposed to introduce the students to the project work and to help them to realize their strengths and weaknesses at an early stage.

During the 2nd and 3rd Semester ...

the project work is given priority. The tasks are set in a way that the students are able to use their learnt basic knowledge and to develop them further so they become personal approaches. The problem oriented approach shall motivate the students to acquire specific knowledge through the elective subjects. Interdisciplinary basics are also imparted in an integrated way by „learning by doing“.

The elective subjects are the second focus in the 2nd and 3rd semester. Through these the students can „line“ their projects and bring in their personal tendencies. In addition further obligatory subjects are deepened concerning the thematic fields of industrialization strategies (P 07 MOI), life-cycle relevant technologies and assistive systems in buildings (P 08 USE) as well as innovation development (P 11 Inc).

In the Master Thesis ...

the learned basic and specific knowledge as well as the learnt skills and methods are flowing together. According to interests and skills of the students the task can equally involve aspects of theory, methodology / project, and specialization or it can focus on one topic. The elaboration of the Master Thesis can take place as a pure project or as a pure scientific-theoretical discourse, which are the two „extremes“ in the spread of possible configurations. Usually a balance is aspired in order to fulfill the principle of the equally wide-spread and varied education.