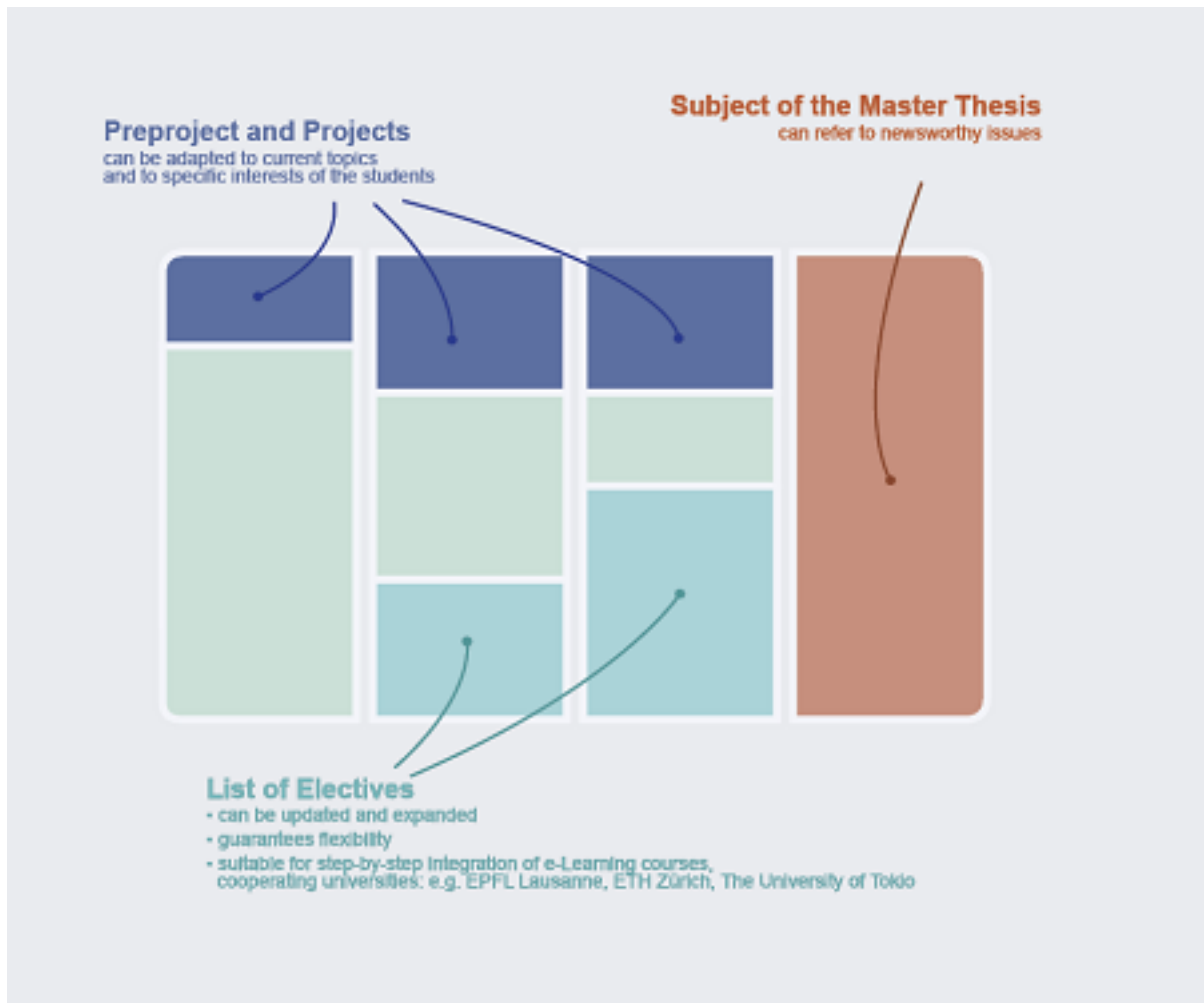


## Present State and Future Trends

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### Sustainability

Based on the imparted basic knowledge as a platform, the Master Course offers the possibility for the continuous adaption and further development. Projects and elective subjects are investigations on this platform, which adapt to the changing needs of social, economic and technological requirements. They guarantee a permanent actuality of the Master Course. The preproject and project tasks can, for instance, be exchanged so that they refer to the basic knowledge on the one hand and react to current issues on the other. Also, the elective subjects in the list can be easily exchanged.

### Step-by-Step Internationalization

Beyond that, the list of elective subjects qualifies for an integration of E-Learning offers and E-Learning cooperations with prestigious international universities. In order to make the internationally existent knowledge concerning industrialization, automation and building robotics available for the Master Course of the TUM, arrangements with numerous universities are currently being worked on in order to achieve a gradual construction of a mutual E-Learning pool.

**IAARC: International Certificate for Automation and Robotics in Construction**

The Board of Directors of IAARC (International Association for Automation and Robotics in Construction) initiated the establishment of the „IAARC Academy“, which offers an international Masters degree. The module structure will be similar to the structure of the here introduced Master Course. Thereby it should be possible for students of the M. Sc. Advanced Construction and Building Technology to study at a partner university for one semester, which also offers such a certificate, while international students participate in a semester of the M. Sc. Advanced Construction and Building Technology in return. Until the complete realization of the international Master Course planned by the IAARC the certified advanced training offer „International Certificate for Automation and Robotics in Construction“ shall be realized, which will also be compatible to the Master Course Advanced Construction and Building Technology.