Structure of the MSc ESE program

18 ECTS (3 lectures) from **Essential Lectures in Computer Science**	**18 ECTS** (3 lectures) from **Advanced Micro-systems Engineering**	**18 ECTS** from **Elective Courses in Computer Science** Specialization Courses (6 ECTS each) *and/or* up to 2 Seminars (3 ECTS each) *or* 1 Study project (18 ECTS)	**18 ECTS** from **one** of the **Concentration Areas in Micro-systems Engineering**

18 ECTS chosen from one or more of the 4 areas above
and/or from the area **Customized Course Selection**

30 ECTS Master Thesis + Kolloquium

For optional specialization in one of the areas (AI, CPS, Circuits and Systems, Materials and Fabrication, Biomedical Engineering, Photonics):
at least 30 ECTS from according courses (not project) + Master Thesis with related topic

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