E. Graduation Project (30 ECTS)

D. International Semester (≥ 15 ECTS)

A. Mandatory Courses			30
0EM100	Evolutionary Foundations of IS	Q3	5
0EM110	Research Methodology for IS	Q1	5
0EM120	Governing Innovations	Q1	5
0EM150	Sustainability Transitions and Responsible Innovation	Q3	5
0EM130	Modern Societies in Transition	Q1	5
0EM160	Innovation and Intellectual Property Rights	Q2	5

- Students have to take all courses under A.
- Students have to take the two courses from B1 (depending on track).
- Students have to select at least two courses from B2.
- Students have to select at least 10 ECTS of engineering science courses in the program (B, C, and/or D).
- If students want to be eligible for the free/special track, a request must be submitted to the Exam Committee which contains a well-argued motivation and the approval from the Program Chair.

B. Specialization Electives
Choose track 1, 2 or free-track — 30 ECTS

Track 1: Global Sustainability
(Take these two (=10 ECTS)

B1: Track Core Courses			ECTS
0EM140	Energy, Economy and Society	Q2	5
0EM310	Sustainability Assessment for Decision Making	Q4	5

B2: Specialization Courses (choose ≥ 2)			
0EM200	International Development and Sustainability	Q3	5
1ZM160	Innovation and Entrepreneurship Study	Q1	5
1CM170	Sustainable Supply Chains	Q4	5
4EM70	Sustainable Energy Sources	Q2	5
5SEF0	Smart Grids, ICT and Electricity Markets	Q3	5
7LY3M0	Building Performance and Energy Systems Simulation	Q1	5
7ZW4M0	Built Environment and Smart Mobility	Q4	5
7ZW5M0	Smart Healthy Urban Environments	Q2	5
DCM130	Design for Social Innovation	Q2	5

OR

Track 2: Innovation Strategy and Policy
(Take these two (=10 ECTS)

B1: Track Core Courses			ECTS
0HM220	Network Society	Q2	5
0EM190	Infonomics	Q4	5

B2: Specialization Courses			
0HM270	Supercrunchers	Q4	5
1JM06	Human Aspects of Innovation	Q1	5
1ZM11	Marketing and Innovation	Q3	5
1ZM20	Technology Entrepreneurship	Q2	5
1ZM40	Strategy and Technology Management	Q2	5
1ZM90	Open Innovation	Q4	5
1ZM160	Innovation and Entrepreneurship Study	Q1	5

C. Free Electives and Homologation

Free Choice