

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	

B. Specialization Electives				20
Choose track 1, 2 or free-track				ECTS
Track 1: Global Sustainability (Take these two (=10 ECTS))		ECTS		
B1: Track Core Courses				
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))		ECTS		
B1: Track Core Courses				
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	

- 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.