

Master of Science in Engineering

Sustainable Product Creation

Academic Master



📍 FACULTY OF SCIENCE, TECHNOLOGY AND COMMUNICATION

Degree Master of Science in Engineering – Sustainable Product Creation (Academic)

Duration 2 year full-time programme / 4 semesters: 120 ECTS

Teaching language English

Objectives The programme enables students to acquire a comprehensive, deep knowledge of all steps of the production creation process, from market segment specification, product planning, product design and manufacturing, to product usage, service and recycling. The courses cover mechanical and electrical aspects. This Master perfectly balances academic education with industrial applicability of cutting-edge content.



Strengths

- Individual mentoring and courses taught in small groups
- Internationally renowned professors
- Combination of mechanical engineering and mechatronic issues within sustainable product creation
- Focus on lean and sustainable use of all resources
- Strong links with the Research Unit in Engineering Sciences (RUES) at the University of Luxembourg
- Insights into electrical engineering and computer networking to integrate industry 4.0 and IoT skills

Further study and career opportunities

- PhD in engineering
- Engineer, consultant in industry
- Participation in start-up activities and proof-of-concept projects

Entry requirements

- Bachelor degree in engineering (mechanical or mechatronics) or related field
- Students with other Bachelor degrees and good grades are encouraged to apply

Enrolment fee 200€/semester

Campus Kirchberg
6, rue Coudenhove-Karlergi
L-1359 Luxembourg

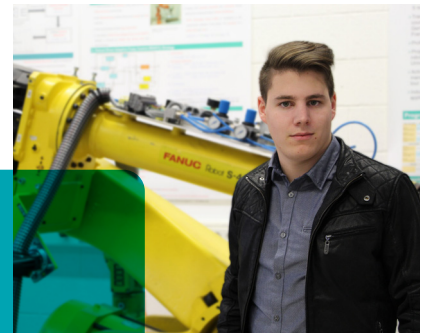
Contact T. +352 / 46 66 44-5906
fstc-msp@uni.lu

Further information <http://msp.uni.lu>



“This comprehensive education on the complete product creation process will prepare you for a successful career as an engineer.”

Peter Plapper, Course Director and Professor of Engineering Science



“I am proud to be a pioneer of the first generation of students graduated from the Engineering Master in Sustainable Product Creation. I have appreciated the close connection with teachers and PhD students, always available and ready to help. Fascinated by laser technology, I have spent hours at the Laser Technology Competence Centre (LTCC), beside the studies. Furthermore, the mandatory internship has enabled me to make industry contacts and better understand their needs. I really recommend this Master, especially for the resources that are allocated per project.”

Quentin Ghysens, Master of Science in Engineering - Alumni