



# 06

## Master of Science (CE) in SET Curriculum

### Activation:

Thesis Project  
15 ECTS

#### Idea Validation

Discovering the product-market fit for your idea

#### Sustainability Initiatives

Researching and designing for social and behavioural change

#### Career Growth

Pivoting towards a new path and creating opportunities

#### Human-Centered AI products

Improving AI products with a human focus

#### Topic of your choice

### Elevation

15 ECTS

#### Grand Challenge 1:

Expanding Technologies for Good

#### Grand Challenge 2:

Creating Impact - Drive Change From Within

#### Grand Challenge 3:

Starting an Impact Business with a Prototype

#### Grand Challenge 4:

Reimagining Business Models for a Sustainable Tomorrow

### Calibration

45 ECTS total  
15 ECTS per Impact Certificate

#### IMPACT CERTIFICATE

Improve the Global Impact of Your Organization

Business & Society

Sustainable Operations & Supply Chain Management

Systems Thinking for Sustainable Development

Sustainability

#### IMPACT CERTIFICATE

Become a Responsible Leader

Governance & Sustainability

Responsible Leadership

Responsible Organizations

#### IMPACT CERTIFICATE

Prototype Impactful Solutions

Measuring & Learning

Product Development

Customer Development

Entrepreneurship

#### IMPACT CERTIFICATE

Get Funding Ready

Funding Options & Venture Finance

Finance for Entrepreneurs

Sustainable Business Development

#### IMPACT CERTIFICATE

Human Centered AI

Build with Generative AI

Human AI Collaboration

Introduction to Cognitive Systems & Neuroscience

#### IMPACT CERTIFICATE

Build with AI for a Better Society

Technology Entrepreneurship

Machine Learning & Deep Learning

Applied Data Science

Technology

#### IMPACT CERTIFICATE

Innovate with GreenTech

Foundations of E-Mobility

From Recycling to Circular Economy

Battery Reuse, Repair, Recycle

### Orientation

15 ECTS

Learning Insights

Mission Identification

Build Your Dream Team

Introduction to Entrepreneurship

Strategy Development

Sustainability Foundations

Technology Revolutions & Intro to Coding

Group Challenge

For the Master of Science program, learners have the option to select one Impact Certificate (IC) from each pillar during the Calibration Phase. This phase is structured with a total of 45 ECTS, and each IC accounts for 15 ECTS.

Each Impact Certificate is made up of three individual challenges, however, the challenges featured in this study plan may differ each semester. All available challenges will be accessible via the app.