

# Curriculum

## 1<sup>st</sup> year of studies

1 <sup>st</sup> semester	ECTS
Academic Research	3
Scientific Presentation	2
Theoretical Computer Science	5
Foundations of Science and Research	2
Design of Experiments	1
Mentoring	2
Design Thinking	3
Innovation, Research & Entrepreneurship	2
Research project I	10

2 <sup>nd</sup> semester	ECTS
Writing in technical disciplines and research	5
Computer Science – Data Science	5
Research Ethics	1
Legal Aspects of Research	2
Mentoring	2
Sources of Innovation	2
Systematic Innovation	3
Research project II	10

## 2<sup>nd</sup> year of studies

3 <sup>rd</sup> semester	ECTS
Writing of Research Proposals	2
Scientific Publishing: Conferences and Journals	3
Computer Science - Specialisation in the selected field of study	5
Research Methods	3
Mentoring	2
Innovation Management and Product Development	3
Organisation of Innovations	2
Research project III	10

4 <sup>th</sup> semester	ECTS
Master thesis	20
Research project IV	10

ECTS: European Credit Transfer System – measure for the overall workload an average student has in order to successfully complete a course. One credit (credit point) represents 25 study hours (including attendance, self-study, exams, etc.).

➔ You can find the current curriculum online under „study content“: [fhstp.ac.at/mcs](https://fhstp.ac.at/mcs)