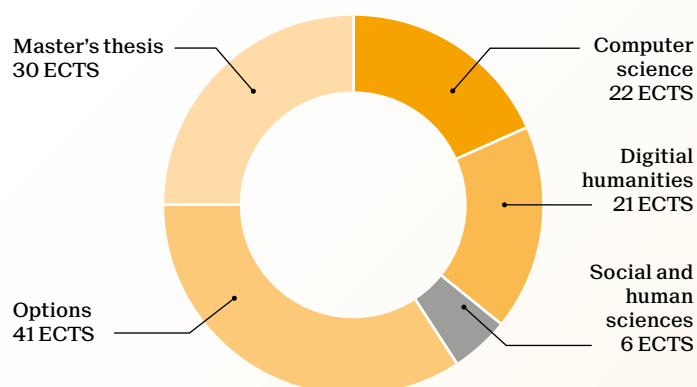


Master of Science in DIGITAL HUMANITIES

2-year program – 120 ECTS



Social and human sciences	6
SHS introduction to project	3
SHS project	3

Internship

The program includes a compulsory 8-week to 6-month industrial internship, which can be combined with the Master's thesis.

Internship testimonials



Digital Humanities student testimonials



Career prospects

EPFL digital humanities engineers, having both advanced technical skills and a broad interdisciplinary approach, are ready to make an impact, from creative industries to information and communication technologies (ICT) to cultural heritage.

In addition to standard ICT career opportunities, a broad range of additional positions are for instance: user experience designer, data journalist, artificial intelligence specialist for the creative industries (media, music, video games, fashion), data scientist in the humanitarian sector and numerous academic careers in the growing field of the digital humanities.

	ECTS
Computer science	22
Applied data analysis	8
Computational social media	4
Foundations of digital humanities	6
Historical document and media processing	4
Digital humanities	21
Cultural data sculpting	5
Design research for digital innovation	5
Digital musicology	6
History and the digital	5
Options	41
Advanced computer graphics	8
AI for urban history	4
AI product management	6
Automatic speech processing	4
Causal inference	4
Causal thinking	5
Computer vision	6
Computers and music	6
Data visualization	6
Deep learning	4
Deep reinforcement learning	6
Digital education	6
Distributed information systems	6
Ethics and law of AI	4
Experience design	6
Foundations of data science	8
Game design and prototyping	4
Image processing for earth observation	4
Image processing I	3
Image processing II	3
Interaction design	6
Introduction to IT consulting	6
Introduction to natural language processing	6
Large-scale data science for real-world data	6
Machine learning	8
Machine learning for behavioral data	6
Management of intellectual property	3
Media security	6
Modern natural language processing	8
Network machine learning	4
Reinforcement learning	6
Science and technology in urban transformation	3
Semester project in digital humanities	12
Strategic marketing and technology commercialization	4
Systems for data management and data science	8
Technology and innovation strategy	3
Technology, sustainability and public policy	4
Urban digital twins	4
Visual intelligence	6

Admission requirements

Interested students must have a Bachelor's degree in a science, technology, engineering, or mathematics (STEM) discipline with excellent records and a solid understanding of programming, algebra, statistics, and signal processing. Students must also express an active interest in culture and humanities through previous studies, extracurricular activities or personal projects.

go.epfl.ch/master-digital-humanities
Contact information: master-dh@epfl.ch