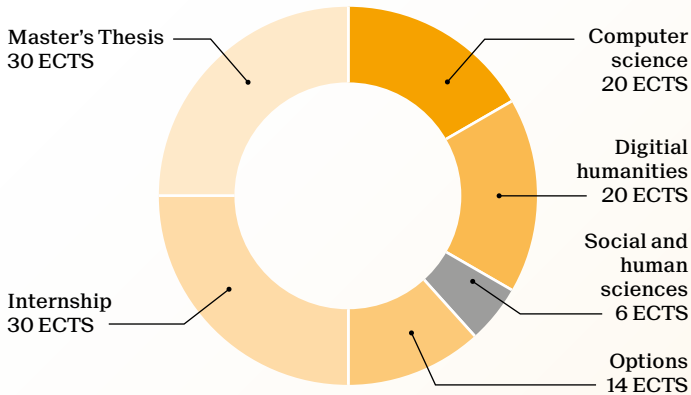


## Master of Science in DIGITAL HUMANITIES

2-year program - 120 ECTS



### Internship

The program includes a compulsory 6-month internship in a academia, a cultural institution or in the industry.

### Career prospects

Digital humanists, those who have both advanced technical skills and profound cultural awareness, are leading the current technological revolution in information technology, mobility and consumer products. Whether one launches a startup straight out of the program or lands a position in a major industry or cultural institution, a Master in Digital Humanities is as much a set of technical skills as it is a mindset for success.

### Admissions

Interested students must have a bachelor's degree in a science, technology, engineering, or math (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 or extracurricular activities and personal projects.

[go.epfl.ch/master-digital-humanities](http://go.epfl.ch/master-digital-humanities)  
Contact information: [master-dh@epfl.ch](mailto:master-dh@epfl.ch)

	ECTS
<b>Computer science</b>	<b>20</b>
Applied data analysis	6
Computational social media	4
Foundation of digital humanities	6
Machine learning for DH	4

<b>Digital humanities</b>	<b>20</b>
Cultural data sculpting	5
Digital musicology	5
Design research for digital innovation	5
History and the digital	5

<b>Social and human sciences</b>	<b>6</b>
SHS introduction to project	3
SHS project	3

<b>Options</b>	<b>14</b>
Advanced computer graphics	6
Artificial neural networks	5
Automatic speech processing	3
Computational photography	5
Computer vision	4
Data visualization	4
Database systems	7
De la structure à l'ornement	3
Decision-aid methodologies in transportation	4
Deep learning	4
Digital 3D geometry processing	5
Digital education and learning analytics	4
Distributed information systems	4
Exploratory data analysis in environmental health	4
Foundations of data science	6
Image and video processing	6
Image processing I	3
Image processing II	3
Interaction design	4
Introduction au BIM (Building Information Modeling)	3
Introduction to natural language processing	4
Linear models	5
Machine learning	7
Spatial statistics and analysis	5
Strategic marketing and technology commercialization	4
Technology and innovation strategy	4
UE H: Graphie	4
UE J: Territoire et paysage	4
UE R: Introduction au BIM (Building Information Modeling)	4
Virtual reality	4
Visions et utopies	3

### Image cover

**"When the Music is Good - 2013"**

This artwork connects the artists of the Montreux Jazz Festival if they have played together on stage at least once in the last 50 years.

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