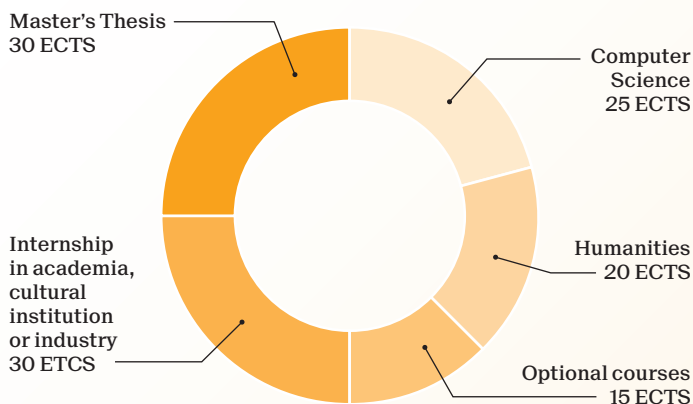


Master of Science in DIGITAL HUMANITIES

2-year program - 120 ECTS



Optional courses: students choose an orientation:

- A Audio-visual Media
- B Spatial Digital Humanities

	ECTS
Computer Science	25
Applied data analysis	6
Computational social media	4
Digitalisation and visualisation	4
Introduction to digital humanities	4
Pattern classification and machine learning	7

Humanities	20
Data corpora	4
Digital culture	5
Distant reading	5
SHS: Introduction to project	3
SHS: Project	3

Optional courses			15
Advanced Computer Graphics	A		6
Analyse exploratoire de données géospatiales		B	3
Automatic speech processing	A		3
B2B high-tech marketing	A	B	4
Computational Photography	A		5
Computer Vision	A	B	4
d. Thinking: real problems, human-focused solutions	A	B	5
Database Systems	A		7
De la structure a l'ornement	A	B	3
Decision-aid methodologies in transportation		B	4
Digital 3D Geometry Processing	A	B	5
Digital Education & Learning Analytics		B	4
Digital Humanities	A	B	7
Digital Museology and Art History	A		4
Digital Musicology	A		4
Geocomputation		B	3
Human Computer Interaction	A	B	4
Image and Video Processing		B	6
Image Processing 1	A	B	3
Image Processing 2	A	B	3
Introduction au BIM (Building Information Modeling)		B	3
Introduction to Natural Language Processing	A	B	4
Linear Models	A	B	5
Programming concepts in scientific computing		B	4
Spatial Statistics and analysis		B	5
Strategic Marketing and Technology commercialization	A	B	4
Technology & innovation strategy	A	B	4
Théorie de l'espace		B	3
UE H: Graphie		B	4
UE J: Territoire et paysage		B	4
UE R: Introduction au BIM (Building Information Modeling)		B	4
Virtual Reality	A	B	4
Visions et Utopies	A	B	3

CAREER PROSPECTS

In this growing field, many opportunities in cultural institutions in Switzerland and abroad are available. A graduate of the Master of Science in Digital Humanities will be an asset in institutions like BnF Biblissima, Harvard Library, the Swiss National Library, national and international museums and the archives of International Organisations.

Moreover, the graduates will have access to jobs in companies like Facebook, Google, and Microsoft, and will have opportunities to work in companies like Nespresso, Cisco, or for radio and television networks.

Contact information: master-dh@epfl.ch

ADMISSIONS

Admission to the Master will be on a case-by-case basis (sur dossier). Students will be evaluated based on their academic curricula, which include knowledge of statistics and advanced programming skills, and a demonstrable interest in the broader field of humanities and social sciences.