A human-centric and interdisciplinary approach to technology is the most powerful method we have for fostering creativity, asking relevant questions and ultimately making better decisions for our future. The Master of Science in Digital Humanities offers future engineers the unique opportunity to pair a rigorous technical education with a deeper understanding of user experience, cultural and social contexts as well as real-world application of digital tools.
The power of data, the depth of culture

A digital transformation is well underway across the globe, creating mountains of data across all sectors and bringing with it unique sets of challenges. Interpreting this data into socially and economically relevant information necessitates a wide range of skills in both computer science and humanities. The diverse backgrounds of the EPFL digital humanities faculty are uniquely positioned to provide this type of interdisciplinary training.

Our society is shaped with data primarily produced, consumed, and curated by people, from cultural and social media to historical and urban data.

Digital humanities engineers have the advantage of pairing technical skills in computer and data science with the applied interdisciplinary understanding needed to pursue a broader range of career opportunities.

There currently exists a gap between specialists with strong technical skills and leaders with a depth of cultural understanding, critical approach and creative mindset required to make impactful decisions. Individuals who can bridge this gap are rare and in high demand, and the EPFL Digital Humanities Master’s is training engineers who are well placed to take advantage of these positions.

Hakim Invernizzi: “I really enjoyed the flexibility offered by the Digital Humanities Master’s program. In a single year, I was able to take my first steps in the data science industry and also work on a meaningful academic project abroad.”

Jenny Paola Yella Bello: “The EPFL Digital Humanities Master’s provided me with a strong technical expertise and an awareness of the capabilities and limitations of computational methods when applied in the humanities and social sciences, both of which are of great relevance for my employer in the humanitarian sector.”

Applied learning, real-world projects

At EPFL, digital humanities engineers master data analysis and visualization, audio and image processing, machine learning and more. In addition to these technical skills, they also learn how to manipulate, visualize and interpret data to make informed decisions grounded in a deeper understanding of user experience and the global and societal issues present in any academic, cultural or industrial process.

To help future engineers to take the next step in their careers, the EPFL Digital Humanities Master’s program incorporates extensive use of applied learning via projects and work in teams. These dynamics not only offer the best preparation for real-world situations but also encourage sharing and growth within gender and culturally diverse classes.

EPFL is a world-class university conducting high-impact digital humanities projects like Time Machine Europe and the Montreux Jazz Archive, and EPFL Pavilions, which are located at the heart of the campus, provide a unique platform to develop and experience the most innovative technologies for immersion and interactivity. All future digital humanities engineers will have the opportunity to take part in similar projects covering a broad range of fields and creative industries.
Master of Science in
**DIGITAL HUMANITIES**
2-year program – 120 ECTS

### Internship

This Master’s program includes a compulsory four to six-month internship in industry, a cultural institution or in an international organization to ensure a maximum of applied learning and real-world experience.

### 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.

### 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](go.epfl.ch/master-digital-humanities)

Contact information: master-dh@epfl.ch