Master of Science in ARCHITECTURE

2-year program - 120 ECTS

Students must choose among one of the following orientations:
A Form - Data
B Habitats - Housing
C Cities - Territories
D Sauvegarde - Resources
E Types - Typologies

An orientation is composed of mandatory courses and projects depending on its subject.

Possibility to choose a 30 ECTS minor in:
• Engineering for sustainability (DUR)
• Integrated design, architecture and sustainability (IDEAS)
• Transforming territories under climate change (ITC)

Prerequisites for admission:
• Bachelor in Architecture
• Practical experience of 12 months
• An excellent command of French or English, and a good command of the other language are recommended
• Present a portfolio (A4 size) including several projects made by the candidate in the course of his/her studies and possibly practice

Career prospects

Studying architecture is the natural pathway towards a career as an architect, and it can also open up opportunities in many related professions – and in other, more unexpected areas, too:
Architect – freelance or in a practice; Government official in a department dealing with the built environment (heritage conservation, regional/landscape planning, urban planning, etc.); Set designer (for shows and exhibitions); Project manager; Logistics specialist; Involvement in a humanitarian project; Real-estate manager; Real-estate expert; Researcher; Teacher; University lecturer; and Publisher.

School of Architecture, Civil and Environmental Engineering
go.epfl.ch/master-architecture
Contact: secretariat.sar@epfl.ch

Orientation | Credits
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A | B | C | D | E
Core courses | 27
The origins of modern domestic space | A | B | C | D | E | 3
Énoncé théorique de master | A | B | C | D | E | 12
Superstudio A | A | B | C | D | E | 12

Visions et stratégies | 6
Architecture in the age of acceleration | E | 3
Architecture, mass, media | E | 3
La nouvelle architecture internationale en Suisse | B | 3
Magma et principes | C | 3
Political economy of design | A | 3
The adventures of rationalism | A | 3

Options | 27
Teaching and research units
UE C: Habitat et société | B | E | 4
UE D: Territoire et société | B | 4
UE E: Architectures en crise | B | 4
UE F: Architecture et réhabilitation | D | 4
UE H: Graphie | A | 4
UE I: Territoire et paysage | C | 4
UE K: Architecture et durabilité: études de performances | C | D | 4
UE I: Digital Design and Making: New Approaches | A | 4
UE M: Constructing materials | D | 4
UE N: Constructing the view | A | C | E | 4
UE R: Introduction au BIM (Building Information Modeling) | A | 4
UE U: Cartography | B | C | 4
UE V: Visions et utopies | E | 4
UE X: Experience design | A | 4

Other optional courses
Architecte et énergie solaire | D | 3
Architecture merveilleuse | E | 3
Art et histoire des jardins | B | 3
Behind/Beyond future cities | B | 3
Building design in the circular economy | B | 3
Climate and water sensitive urban design | B | 3
Comfort and architecture: sustainable strategies | B | 3
Constructing the view: Still life | A | 3
Constructing the view: In motion | A | E | 3
Digital design and making: a critical introduction | A | 3
Droit de l'architecte, approfondissements: la réalisation d'une construction | A | 3
Economie spatiale et régionale | C | 3
Ecrire / Construire: Alors retours | B | 3
Foncier, immobilier, logement | B | C | 3
Habitat et développement urbain | B | C | 3
Habitat et typologie | B | E | 3
Interactive conceptual design of structural forms | D | 3
Introduction à l'archéologie de la construction | D | 3
Introduction au BIM (Building Information Modeling) | D | 3
Introduction to landscape and green space planning | B | D | 3
Le projet du confort dans l'architecture du XX s. | B | D | 3
Modernity, Architecture and the Environment | C | D | 3
Projet ENAC | D | 4
Sociologie urbaine | B | C | 3
Summer workshop | D | 4
Sustainable Japanese architecture and landscape | B | C | 3
Théories et techniques du projet de sauvegarde | D | 3
UE génie civil: docta manus | A | 4
Urban demographics | C | 3
Urbanisme et territoires | C | 3
Ville et mobilité | C | 3
Villes d'Asie | C | 3