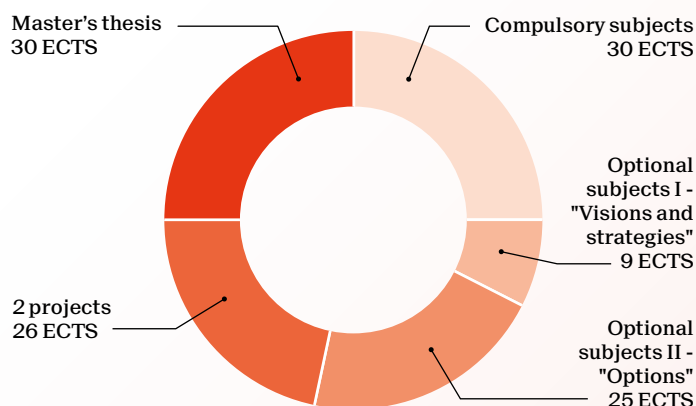


Master of Science in ARCHITECTURE

2-year program - 120 ECTS



Students must choose among one of the following orientations:

- A Construction et béton
- B Logement collectif
- D Sauvegarde
- E Conception paramétrique
- F Urban culture
- G Urban nature
- I Form for the City
- J Architecture et durabilité

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

Possibility to choose a 30 ECTS Minor in:

- Développement territorial et urbanisme (DTU)
- Design Intégré, Architecture et Durabilité (IDEAS)

Prerequisites for admission:

- Bachelor in Architecture
- Practical experience of 12 months
- Excellent knowledge of French (C1)
- 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
master.epfl.ch/architecture
Contact: secretariat.sar@epfl.ch

| | Orientation | | | | | | | | Credits |
|------------------------------|-------------|---|---|---|---|---|---|---|---------|
| | A | B | D | E | F | G | I | J | |
| Compulsory subjects | | | | | | | | | 30 |
| De la structure à l'ornement | | | | | | | | | 3 |
| Superstudio | | | | | | | | | 15 |
| Énoncé théorique de master | | | | | | | | | 6 |
| SHS: introduction au projet | | | | | | | | | 3 |
| Projet SHS | | | | | | | | | 3 |

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|---|--|--|---|--|---|--|---|--|--|----------|
| Optional subjects I - "Visions and strategies" | | | | | | | | | | 9 |
| Approches socio-psychanalytiques de l'art | | | | | | | | | | 3 |
| Architecture autonome | | | | | | | | | | 3 |
| Cohérences aventureuses | | | | | | | | | | 3 |
| Développement durable, critique de(s) principe(s) | | | | | | | | | | 3 |
| Difficult double Double Histories | | | | | | | | | | 3 |
| First aid - art and architecture after 1940 | | | | | | | | | | 3 |
| Les quatre éléments et l'architecture | | | | | | | | | | 3 |
| Magma et principes | | | | | | | | | | 3 |
| Projets métaphoriques: d'Archizoom à Koolhaas | | | D | | | | I | | | 3 |
| Théorie de l'architecture VII | | | | | F | | | | | 3 |

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|---|---|---|---|---|---|---|---|---|--|-----------|
| Optional subjects II - "Options" | | | | | | | | | | 25 |
| Teaching and research units | | | | | | | | | | |
| UE B: Critique architecturale | | B | | | | | | | | 4 |
| UE C: Architecture et archéologie | | | D | | | | | | | 4 |
| UE D: Territoire et société | | B | | | | | | | | 4 |
| UE E: Architecture et structures | | | | E | | | | | | 4 |
| UE F: Architecture et réhabilitation | | B | D | | | | | I | | 4 |
| UE H: Graphie | | | | | | | | | | 4 |
| UE I: Analogue-Digital-Virtuel | | | | | | | | | | 4 |
| UE J: Territoire et paysage | | | | | F | G | | | | 4 |
| UE K: Architecture et durabilité: études de performances | A | B | | | | G | | J | | 4 |
| UE L: Art and architecture: constructing the view I | | | | | F | | | I | | 4 |
| UE M: Espace et lumière: le projet d'éclairage | | B | | | | | | J | | 4 |
| UE N: Art and architecture: constructing the view II | | | | | | G | I | | | 4 |
| UE O: Béton. Matière de construction | A | | | | | | | | | 4 |
| UE P: Béton. Construction et préfabrication | A | | | | | | | | | 4 |
| UE Q: Composants et assemblages | | | | E | | | | | | 4 |
| UE R: Introduction au BIM (Building Information Modeling) | | | | E | | | | | | 4 |
| UE T: Techniques tridimensionnelles | | | | | | | | | | 4 |
| UE U: Cartography | | | | | | G | | | | 4 |

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|--|---|---|---|---|---|---|---|---|--|---|
| Optional courses | | | | | | | | | | |
| Architecture et construction de la ville | | B | | | F | G | I | | | 3 |
| Architecture et construction de la ville II | | B | | | F | G | I | | | 3 |
| Art et histoire des jardins | | | | | | | | | | 3 |
| Caractères architecturaux et urbanismes de l'Islam | | | | | | | | I | | 3 |
| Confort et architecture: stratégies durables | | B | D | | | | | J | | 3 |
| Droit de l'architecte, approfondissements: la réalisation d'une construction | | | | | | | | | | 3 |
| Economie spatiale et régionale | | | | | | G | | | | 3 |
| Energie solaire et architecture | | | | | | | | I | | 3 |
| Enquêtes et méthodes quantitatives | | | | | | | | | | 3 |
| Fabrication associative assistée par ordinateur | | | | E | | | | | | 3 |
| Foncier, immobilier, logement | | B | | | | | | | | 3 |
| Habitat et développement urbain | | | | | F | G | | | | 3 |
| Histoire de l'habitation | | B | | | | | | | | 3 |
| Histoire du béton | A | | | | | | | | | 3 |
| Modélisation et représentation informatique I | | | | | | | | | | 3 |
| Modélisation et représentation informatique II | | | | | | | | | | 3 |
| Sciences de la ville I | | | | | F | G | | | | 3 |
| Sciences de la ville II | | | | | F | G | | | | 3 |
| Sociologie urbaine | | B | | | F | G | | | | 3 |
| Structure et architecture | A | | | E | | | | | | 3 |
| Structures complexes | | | | E | | | | | | 3 |
| Théorie de l'espace | | | | | | | | | | 3 |
| Théories et techniques du projet de sauvegarde | | B | D | | | | | J | | 3 |
| Theory as a device for design processes | | | | | | | | | | 3 |
| Urbanisme en Asie | | | | | | | | I | | 3 |
| Urbanisme et territoire | | | | | | G | I | | | 3 |
| Ville et mobilité | | | | | F | G | | | | 3 |
| Ville africaine: introduction à la planification | | | | | | | | | | 3 |
| Visions et Utopies | | | | | | | | I | | 3 |