

```
@font-face{ font-family:'Glyphicons Halflings'; src:url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.eot"); src:
url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.eot?#iefix") format("embedded-opentype"),
url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.woff2") format("woff2"),
url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.woff") format("woff"),
url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.ttf") format("truetype"),
url("/content/assets/fonts/bootstrap/glyphicons-halflings-regular.svg#glyphicons_halflingsregular") format("svg") }
```



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

Master's degree in Secondary and Upper Secondary Education, Vocational Training and Foreign Language Teaching

BARCELONA SCHOOL OF INFORMATICS (FIB)

The **master's degree in Secondary and Upper Secondary Education, Vocational Training and Foreign Language Teaching** ([master's degree website](#)) provides teacher training for potential secondary school teachers and teachers of specific vocational training courses.

SPECIALISATIONS

- Industrial Technologies
- Technology

GENERAL DETAILS

Duration and start date

1 academic year, 60 ECTS credits. Starting October

Timetable and delivery

Mornings and afternoons. Face-to-face

Fees and grants

Approximate fees for the master's degree, **excluding other costs** (does not include non-teaching academic fees and issuing of the degree certificate):

€1,061 (€2,700 for non-EU residents).

[More information about fees and payment options](#)

[More information about grants and loans](#)

Language of instruction

Check the language of instruction for each subject in the course guide in the curriculum.

Information on [language use in the classroom and students' language rights](#).

Location

- [Barcelona School of Informatics](#) (Campus Nord)
- High Schools

Official degree

[Recorded in the Ministry of Education's degree register](#)

ADMISSION

General requirements

[Academic requirements for admission to master's degrees](#)

Places

60 (technology specialisation) + 60 (vocational training specialisation)

Pre-enrolment

Pre-enrolment for this master's degree is currently **closed**. Use the "Request information" form to ask for information on **upcoming pre-enrolment periods**.

Enrolment

[How to enrol](#)

Legalisation of foreign documents

All documents issued in non-EU countries must be [legalised and bear the corresponding apostille](#).

CURRICULUM

Subjects	ECTS credits	Type
FIRST SEMESTER		
Complementary Technology Training	7	Compulsory
Learning and Teaching Technology in Secondary Education I	7	Compulsory
Learning, Behaviour and Personality Development	4	Compulsory
Practicum I	4	Compulsory
School Organisation: Educational Contexts and Participation	4	Compulsory
Society, Family and Education	4	Compulsory
SECOND SEMESTER		
Learning and Teaching Technology in Secondary Education II	8	Compulsory
Practicum II	10	Compulsory
Teaching Innovation and Introduction to Educational Research	6	Compulsory
Master's Thesis	6	Project

PROFESSIONAL OPPORTUNITIES

Professional opportunities

Secondary school teachers and teachers of specific vocational training courses.

Competencies

Generic competencies

Generic competencies are the skills that graduates acquire regardless of the specific course or field of study. The generic competencies established by the UPC are capacity for innovation and entrepreneurship, sustainability and social commitment, knowledge of a foreign language (preferably English), teamwork and proper use of information resources.

Specific competencies

Learning the curricular content of the specialisation. Planning, implementing and assessing the teaching and learning process. Searching for information and using it. Setting the syllabus and developing teaching methods. Designing and developing learning environments. Acquiring strategies to stimulate student input. Learning about interaction and communication processes in the classroom. Designing and delivering formal and informal activities. Learning the regulations. Learning about the history of the profession. Informing and advising families.

QUALITY ACCREDITATION

Check the degree's main quality indicators in the University Studies in Catalonia portal of the Catalan University Quality Assurance Agency. Find information on topics such as degree evaluation results, student satisfaction and graduate employment data.

[Further information](#)

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

UPC school

[Barcelona School of Informatics \(FIB\)](#)

Academic coordinator

[Cristina Simarro Rodríguez](#)

Academic calendar

[General academic calendar for bachelor's, master's and doctoral degrees courses](#)

Academic regulations

[Academic regulations for master's degree courses at the UPC](#)

MASTER'S DEGREE WEBSITE

December 2025. [UPC](#). Universitat Politècnica de Catalunya · BarcelonaTech