ARCHITECTURE & BUILDING ENGINEERING

LA SALLE CAMPUS BARCELONA

Official Undergraduate Degree in Architecture Studies
Degrees in Architecture and Technical Architecture at La Salle will prepare you to make well-designed and well-built architecture.

La Salle trains well-rounded professionals that love their profession and who can meet the needs of modern society by mastering advanced knowledge and technologies.

We are deeply committed to a new methodology that allows students to adapt their Degrees to their own evolution, promoting more multi-disciplinary Degrees and broadening our graduates' vision and international experience.

All the images used in this brochure are from real installations, projects and students of the Salle Campus Barcelona.
At the Technical School of Architecture and Building Engineering of La Salle-Ramon Llull University you can study Official Undergraduate Degrees in Architecture Studies and Technical Architecture and Building.

At La Salle, we’ve implemented a new methodology, inspired by the leading universities worldwide, based on transversal work, internationalisation and personalisation.

We want you to enjoy a comprehensive learning experience, as well as learning your future trade, we want you to gain in-depth knowledge and truly enjoy it.

46% international students in the 1st year

95% of teachers active in their field

100% of students of Architecture and Architecture and Building Engineering find internships

299 agreements with architectural offices and studios and firms in the sector

We learn to build what we design
Profession
We adapt to the job market
Career prospects
We advise you throughout the Degree
Tutoring
We make the most of our campus
Work across Degrees
We offer an international environment
Internationalisation
We’re in tune with the modern student
Personalisation
At La Salle, you will learn using our original Learning by Challenge methodology. In the Design Studio, you will take on real practical cases, combining the three learning pillars: **DESIGN, TECHNIQUE AND CULTURE**.

### MethoDOLOGY AND STRUCTURE OF DEGREES

The structure of the Degree is divided into two cycles, helping our students to personalise their second cycle:

<table>
<thead>
<tr>
<th>4TH</th>
<th>5TH</th>
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<tbody>
<tr>
<td>3RD</td>
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#### 2ND CYCLE

**Vertical learning**

Personalisation through the choice of **Units**.

#### 1ST CYCLE

**Horizontal learning**

Introduction and knowledge of Architecture.

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**THE FIRST CYCLE**

The first cycle is based on horizontal learning and constitutes the first three years of the Degree. The first year is fundamentally introductory, and throughout the first cycle you will work on acquiring the basic knowledge you will need of Architecture.

**IN THE SECOND CYCLE (4TH AND 5TH YEAR)**

You will be able to choose the Units for the term that will help you personalise your studies as an architect and a technical architect.

**OFFICIAL MASTER’S IN ARCHITECTURE**

With the Official Master’s in Architecture, you will receive the professional licensure in Spain that will qualify you to practise as an architect in the UE with all the skills and responsibilities involved. You can also take it at La Salle - Ramon Llull University.

**CAMPUS UNIT:** Work alongside students from other Bachelor’s on Campus.

**BARCELONA UNIT:** Projects for the city.

**INTERNATIONAL UNIT:** International projects that are carried out abroad.

**VISITING UNIT:** A recognised and international prestige professor teaches a Unit.

**TECTONICS UNIT:** The art of construction is studied in relation to the use of artistic design.

**SUSTAINABLE UNIT:** Architectural sustainability projects.

**BUILDING ENGINEERING UNIT:** This year-long unit will train you as a technical architect capable of directing projects, construction works and maintenance.

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**CAMPUS**

**INTERNATIONAL**

**TECHNIQUE**

**DESIGN**

**CULTURE**

**THE DESIGN STUDIO IS UNIQUE IN BARCELONA, A SPACE WHERE STUDENTS SHARE KNOWLEDGE AS THEY WORK ON THE SUBJECTS OF PROJECTS, WORKSHOP AND URBAN PLANNING.**

**DESIGN STUDIO**

Barcelona as a laboratory for research, analysis and work.

**Barcelona Unit:** At La Salle, we work with real projects for the city.

**INTERNATIONAL UNIT:**

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INTERNATIONAL TRAINING AND STAGES

At La Salle, the Degree in Architecture Studies can be taken entirely in English with students from all over the world.

Throughout the two Degrees, there are 3 international trips students can go on, depending on the student’s performance.

You will start by developing small-scale projects located in nearby surroundings, and as you progress in your undergraduate studies, the projects will increase in complexity, both in scale and in distance (physical and cultural).

A placement in a European capital where we will carry out a project linked to the destination of the trip.

A visiting professor teaches the Units and will monitor Projects.

Internships in international prestigious studios.

Exchange programmes with international schools of architecture.

Lectures and corrections with visiting professors.

A living learning experience working with the talent of top-level architects from Barcelona and around the world.

Our Learning by Challenge approach. The Design Studio will host practical work, combined with technical and cultural courses.

An international Campus as a living laboratory, the city of Barcelona as a classroom and the international network as a global work space: this is the backdrop of the learning experience of La Salle students.

A methodology based on personalisation through the Units that are carried out in the second cycle. Students can choose the different ways of exploring architecture that best suit their individual sensibilities.

Technology is part of our DNA and the most advanced tools are available to all students. We emphasise BIM Parametric Modeling, a cutting-edge methodology in project development. That has evolved the way the architecture sector works.

WHAT MAKES LA SALLE HIGHER TECHNICAL SCHOOL OF ARCHITECTURE DIFFERENT?

1. Trip to explore the architecture of a European capital.
2. Lecture s and corrections with visiting professors.
3. Personalised trip based on the units chosen.
4. A methodology based on personalisation through the Units that are carried out in the second cycle. Students can choose the different ways of exploring architecture that best suit their individual sensibilities.
5. Technology is part of our DNA and the most advanced tools are available to all students. We emphasise BIM Parametric Modeling, a cutting-edge methodology in project development. That has evolved the way the architecture sector works.
As a student of the Degree in Architecture at La Salle, you will be able to personalise the evolution of your studies based on your individual interests thanks to the new learning methodology based on personalisation.

During the first cycle of horizontal learning, you will acquire a broad, solid grounding in architecture.

During the second cycle, you will be able to personalise the evolution of your studies by choosing the Units from the subject you like the most, thus beginning to carve out your own personal, specialised portfolio.

**SYLLABUS**

**Official Master’s in Architecture**

This can be studied at La Salle Campus Barcelona.

You will obtain a master’s Degree that will allow you to practise as an architect with all the related skills and responsibilities.

**60 ECTS**

**Electives to choose** 59 ECTS

**Semester units:**

- History: Introduction to architecture
- Mathematics
- Descriptive Geometry I
- Computer tools I
- Thought and creativity I

**First Semester**

- History: Introduction to architecture
- Foreign language

**Annual subjects**

- Construction I: Materials and Techniques
- Drawing techniques
- Architectural analysis
- Mathematics
- Descriptive Geometry I
- Computer tools I
- Thought and creativity I

**Second Semester**

**First Semester**

- Physics II: Integrated Installations
- Representation Systems I

**Second Semester**

- Applied drawing techniques
- Architecture in the 20th Century

**Annual subjects**

- Construction II
- Introduction to structures
- Computer Tools II (BIM II)
- Thought and creativity II
- Project principles

**3rd COURSE**

**First Semester**

- Parkour and modern architecture
- Introduction to urban Planning
- Computer Tools II (BIM II)

**Second Semester**

- Urban planning management
- Representation Systems II

**Annual subjects**

- Steel and concrete structures
- Construction II
- Services installations
- Thought and creativity III
- Project studio I

**4th COURSE**

**First Semester**

- Geotechnics
- Composition I

**Second Semester**

- Installations implementation
- Practices in firms

**Annual subjects**

- Composition II
- Thought and creativity II
- Project principles

**5th COURSE**

**First Semester**

- Measuremants
- Planning and Management

**Second Semester**

- Composition II
- Portfolio
- Final Thesis

**Annual subjects**

- Project studio III
- Town planning
- Elective subjects

**300 ECTS**

5 years

Campus Barcelona

September

Mornings or Afternoons

English Group
Triangular Group

Stages included

*Subject to academic performance.

“At La Salle, we train students to become professionals who know how to achieve the perfect combination between design, technique and culture, people who love their profession and who are well placed to meet the needs of the world of today, with the most advanced knowledge and technologies.”

Josep Ferrando, Architect and teacher.
Thanks to the personalisation of the Degree based on the student’s individual interests, they are well prepared for a diversity of disciplines typical of the architects of this century.

What You Will Learn With This Degree

You will gain knowledge in design, techniques and culture that will define and distinguish you as a student at La Salle Campus Barcelona.

Design
You will learn to look at things in a different light, as you discover their essence to interpret and transform them. You will gain a critical vision that will lead you to design more creatively.

Sustainability
You will create a project for sustainable, energy-efficient and smart architecture.

Areas of Learning
You will learn everything from furnishings and interior design to urban planning and landscaping.

Team Work
You will work with classmates both from the Degree in Architecture and Building Engineering, as well as other Degrees taught on campus, giving you an idea of how the world of work will be.

The Social Aspect of Architecture
You will understand the relationships between people, buildings and their surroundings based on their needs and culture.

“What La Salle has helped me meet people from all over the world, to socialise, to learn, to open up, to find work... It’s been an amazing experience and I recommend it to everyone”.

Anabella Valero, Architecture student.

What Makes This Degree Unique

1. Our teaching staff includes first-class architects from Barcelona and around the world, as well as renowned visiting professors.

2. Or unique Learning by Challenge focus and the Design Studio, where we encourage creativity and learning among the students themselves.

3. Our Degrees are personalised to your needs and tastes. You can choose the Units that best suit your sensibilities.

4. Our Campus is a cross-disciplinary laboratory where you will learn through experiences.

5. Our international approach. You’ll be able to study your Degree 100% in English, go on placements and internships abroad and attend master classes and Units with international visiting professors.

Student Profile
An architect is a person with a spirit of transformation and a critical, detailed eye. They have a technical and artistic profile that gives them the sensitivity, creativity and imagination they need to come up with different solutions to a given situation and project their ideas.

Architecture is a vocational profession and requires both passion and dedication.

Career Opportunities
Thanks to the personalisation of the Degree based on the student’s individual interests, they are well prepared for a diversity of disciplines typical of the architects of this century.

You will be able to create your own studio or be part of an architecture or engineering firm, or work for public bodies.

You can also devote yourself to research or university teaching, or work as a BIM consultant.

In short, you will be able to be whatever you want to be.
We love
Architectural challenges

PROJECTS AND WORKSHOPS CARRIED OUT BY OUR STUDENTS

Workshop: visit by USC-SEU-La Salle to the city of Shanghai.

History thread: Students present their installation at the Festival Llum in Barcelona.

Our architecture students taking part in the XVI Venice Architecture Biennale (2018).

Urban planning workshop in Dubrovnik, EUROPAN winning students.

Students workshop on Architecture and Nature, in collaboration with the studio RCR, winner of the Pritzker Prize 2017.

Visit to the chapel of Notre Dame du Haut in Ronchamp, by Le Corbusier, for our 5th-year students.

Workshop: Furniture design for the Architecture garden on campus.

History thread: Students work on their installation at the Festival Llum in Barcelona.
LA SALLE, A GLOBAL EDUCATION NETWORK

We are part of a worldwide organisation with more than 300 years of history.

- **65** Universities worldwide
- **80** Countries La Salle Presence
- **90,000** Educators
- **350,000** Students University Education
- **650,000** Students Primary & Secondary Education

We train professionals with values, with innovative spirit and entrepreneurial capacity, who dominate technology and have an international global vision.

RAMON LLULL UNIVERSITY RANKINGS

<table>
<thead>
<tr>
<th>Rank</th>
<th>Description</th>
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<tbody>
<tr>
<td>8th</td>
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<tr>
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<tr>
<td>Top 150</td>
<td>Business administration ranking of the Shanghai Academic World Universities Ranking</td>
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LA SALLE CAMPUS BARCELONA

Our university centre has a history spanning over 110 years, and we are proud to offer undergraduate, graduate and master’s programmes, PhDs and specialisation courses.

- **16** Official undergraduate Degrees
- **6** Double Degrees
- **66** Master’s, Postgraduates and Executive Programmes
- **6** Research groups
- **4,748** Students
- **31%** International students
- **73** Nationalities

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- **8th** Best-performing university in Spain 2019 (CYD Ranking)
- **3rd** Spanish University and 38th in Europe (Multirank Ranking 2018)
- **Top 25** Worldwide & Top 25 Europe, Best Business and Management studies 2019 (IQS World University Rankings)
- **Top 76/100** Best Universities for Teaching in Europe (University Teaching Ranking 2019)
- **Top 150** Business administration ranking of the Shanghai Academic World Universities Ranking

LA SALLE’S DNA

We train professionals with values, with innovative spirit and entrepreneurial capacity, who dominate technology and have an international global vision.

LA SALLE, EXPERTS IN TECHNOLOGY

We have been experts in Technology for more than 50 years, and it is present across all Degrees as a transversal axis.

HIGH EMPLOYABILITY AND AN EXCLUSIVE INTERNATIONAL NETWORKING

- **+ 4,500** Job offers per year
- **96%** Employability of students
- **+ 800** Corporate agreements

At La Salle, we provide quality training in the areas of Architecture and Building Engineering, ICT Engineering and Technology, Computer Sciences, Business & Management and Digital Art, Animation & VFX. These 5 areas of knowledge are also mixed through research, a close relationship with the business world and a unique, cutting-edge methodology.

Founding member of the Ramon Llull University and one of the 3 Campus of International Excellence in Spain.

LaSalle

In the top 10 European startup accelerators with more than 150 incubated startups.
The admissions process begins every year on 1st December. We recommend you begin the process on our website, filling in the requested information and attaching the necessary documentation, before finishing your studies.

BEGIN THE PROCESS ON OUR WEBSITE TO BOOK YOUR PLACE.

BEGIN YOUR APPLICATION ONLINE
FILL IN THE FORM
ATTACH THE DOCUMENTATION
HAVE ON CAMPUS OR ONLINE INTERVIEW
RECEIVE THE RESOLUTION OF YOUR APPLICATION
BOOK YOUR PLACE

SCHOLARSHIPS AND GRANTS

At La Salle, people come first, and our scholarship programme means young people with the knowledge and skills can study with us, regardless of their economic, family, geographical or cultural background. On average, 49% of undergraduate students at La Salle - URL benefit every year from scholarships awarded by La Salle.

EACH APPLICATION IS ANALYSED ON A CASE-BY-CASE BASIS.

More information: www.salleurl.edu/en/admissions/admission-process

SIGN UP FOR OUR INFORMATION SESSIONS at www.salleurl.edu
See you on Campus!

More information: www.salleurl.edu/en/admissions/degrees/scholarship-program