
Master in FinTech Solutions

www.barcelonatechnologyschool.com



Welcome

If you're passionate for technology and want to contribute to drive the digital transformation, Barcelona Technology School is your place.

The digital ecosystem in Barcelona is now warmer than ever. The strategic alignment of the government, the industry and educational institutions like BTS, are mixing the best ingredients to boost the European capital of innovation.

The results of the Barcelona's digital strategy are excellent, international companies are landing in Barcelona to relocate their digital and tech headquarters. To mention a couple of examples: Zurich Insurance Group has opened its International Big Data Centre in the city; Nestlé has launched its Global Digital Hub in order to lead digital services from Barcelona, the European Capital of Innovation.

A healthy startup environment also feeds this innovative ecosystem; the city concentrates 60% of the total investment on startups in Spain. This, supported by initiatives like the Mobile World Congress, makes the city an ideal

place for international entrepreneurs. More and more startups, accelerator programs, venture capital players and tech educational projects choose the city to develop its activity.

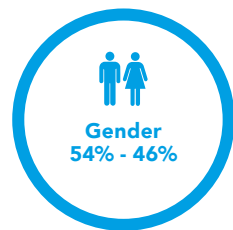
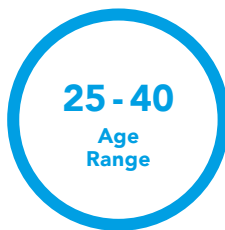
Thanks to this healthy tech ecosystem, there has been a high demand of digital talent which permits Barcelona Technology School to ensure you professional experience through paid internships and job opportunities during master programs that will help you to develop the most demanded digital skills.

Now, you have the opportunity to join the digital transformation from one of the hottest international tech spots.

Josep Clotet
General Manager



BTS Student Profile



55%
Engineering
& Computing



27%
Economics &
Management



9%
Sciences



9%
Others

Academic Board (cv-professional experience)

Strategic Advisory Board



Ricardo Baeza
Yahoo!
VP of Research



Aleix Valls
Mobile World Capital
CEO



Marko Gargenta
Twitter
Director of Twitter
University



Sudha Jamthe
Ebay
Mobile Business Leader



Andy Feierfeil
Target
Senior Mobile Manager

The members of the BTS Strategic Advisory Board are well known industry leaders who take care of the quality and contents of the programs.

Academic Board (cv-professional experience)

Academic Directors



Sandro Mancuso
London Software
Craftsmanship Founder



Carlos Castillo
Director of Research for
Data Science at Eurecat



Marc Torrens
CIO at Strands

Professors



Marc Planagumà
Big Data



Miquel Rodríguez
Agile



Saul Tessler
Entrepreneurship



Jorge Blasco
Digital Business



Javier Domingo
Cloud Computing



Pablo Sordo
Android Development



Gaby Prado
User Experience



Michele Trevisiol
Big Data



Sonia García
Web Development



José Carlos Gil
Software Craftsmanship



José E. Rodríguez
Web Development



Pedro Fernandes
Creative Technology



Martí Escursell
Venture Capital



Marc Boquet
iOS Development



Alfred Maeso
Project Management

3D Learning

Barcelona Technology School has developed its own practical, active and participatory methodology with emphasis on “learning by project” where participants generate their own digital solutions. This methodology reflects digital industry demand for new professionals with skills such as:



Business and Innovation Skills

- > DIGITAL TRANSFORMATION
- > DIGITAL & MOBILE BUSINESS
- > CREATIVE TECHNOLOGY
- > INNOVATION
- > ENTREPRENEURSHIP
- > FINTECH
- > LEGAL TECH
- > CHANGE MANAGEMENT
- > DIGITAL TALENT&CULTURE





Core Skills

- > EMPATHY AND COMMUNICATION
- > INTERNATIONAL SCOPE
- > FLEXIBILITY
- > COLLABORATION & NETWORK
- > TRANSVERSAL VISION
- > CURIOSITY
- > COMPROMISE & RESPONSIBILITY



Technical Skills

- > WEB DEVELOPMENT
- > MOBILE DEVELOPMENT
- > USER EXPERIENCE
- > BIG DATA
- > MACHINE LEARNING
- > CLOUD COMPUTING
- > INTERNET OF THINGS
- > CYBER SECURITY
- > SOFTWARE CRAFTSMANSHIP
- > BLOCKCHAIN

BTS

TECH INDUSTRY

ECOSYSTEM

Barcelona Technology School has assembled an ecosystem of companies that supports BTS programs, providing industry exposure and bring professional experience to students through internships and job opportunities.

With the support of

Academic Partners / Industry Partners / Spanish and Catalan Government



Technology Research
Centre of Catalonia



Innovation and
High-tech Consulting



Mobile Transformation
for Society



Digital Transformation
Services



Spanish Government
for Internationalization



Government
of Catalonia



Powering Content,
Search & Data



Best Luxury Hotels
around the world

BTS



Academic Board

High qualified instructors and well known professionals



IT Labs & I+D+i

IT Labs & innovation projects exposure



Career Mentors

Get professional orientation for your digital career



Project Mentors

Real & experienced Professionals will mentor your digital projects



Entrepreneurs & Incubators

Inspire your own projects and new disruptive digital business



University

Ensures academic accreditation, quality and certification



Digital Companies

Visit and learn from the tech leaders.



The Mobile World Congress Startup Platform



Global Network of Startup Accelerators



Leading Company in Humanoid Robots



Empowering IT Teams



Barcelona Big Data Centre of Excellence



Fintech Leader Monetizing Data

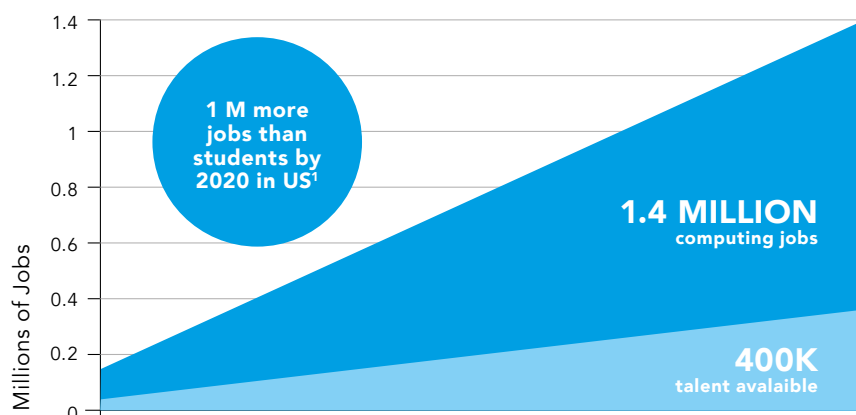


EdTech Company for Learning Experience



Cloud Computing for Digital Society

Digital companies need your talent



¹Source: BLS, NSF, Bay Area Council Economic Institute; ²Source: Bureau of Labor Statistics' Occupational Outlook, Handbook and Career Guide to Industries.

By **2024** there will be **4.500.000** unfilled computer science jobs worldwide²

Tech industry is exploding and the key digital companies need your talent. Barcelona Technology School connects your career with the digital sector while offers you the most demanded digital knowledge & skills.

Thanks to the agreements Barcelona Technology School has with the digital industry, you will have the chance to live a professional experience trough paid internships in some of the top digital companies that are part of the BTS Ecosystem.



Your
Talent

BTS

Digital
Industry

Paid Internships & Jobs Opportunities

Sports

All the BTS students enrolled into a Master program have free access to one of the best sport clubs in the city which is located in front of the beach. Enjoy swimming pools, gym and lead classes, spa, paddle courts and much more.

Play sports, make friends or simply take a relaxed bath on the sea.



Global Chapters

The Global Chapters programs are an international experience for students & entrepreneurs that want to discover the epicenters of the world's digital ecosystems:



CHAPTER 1

New York

1 Week

English

December 2017

3.000 €



CHAPTER 2

Shanghai

1 Week

English

April 2018

3.000 €



CHAPTER 3

San Francisco & Silicon Valley

2 Week

English

July 2018

5.000 €

This experience exposes students to how business is done in those ecosystems and creates long lasting relationships between students, companies, and business leaders.

Sample Week Itinerary

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
Visit large digital corporations	Tour in Silicon Valley	Entrepreneurship culture immersion	Visit the Palo Alto Research Center	Network building	Private VC and Startup parties	Free
Meals with digital leaders						

Students visit companies like





Master in FinTech Solutions. MFTS



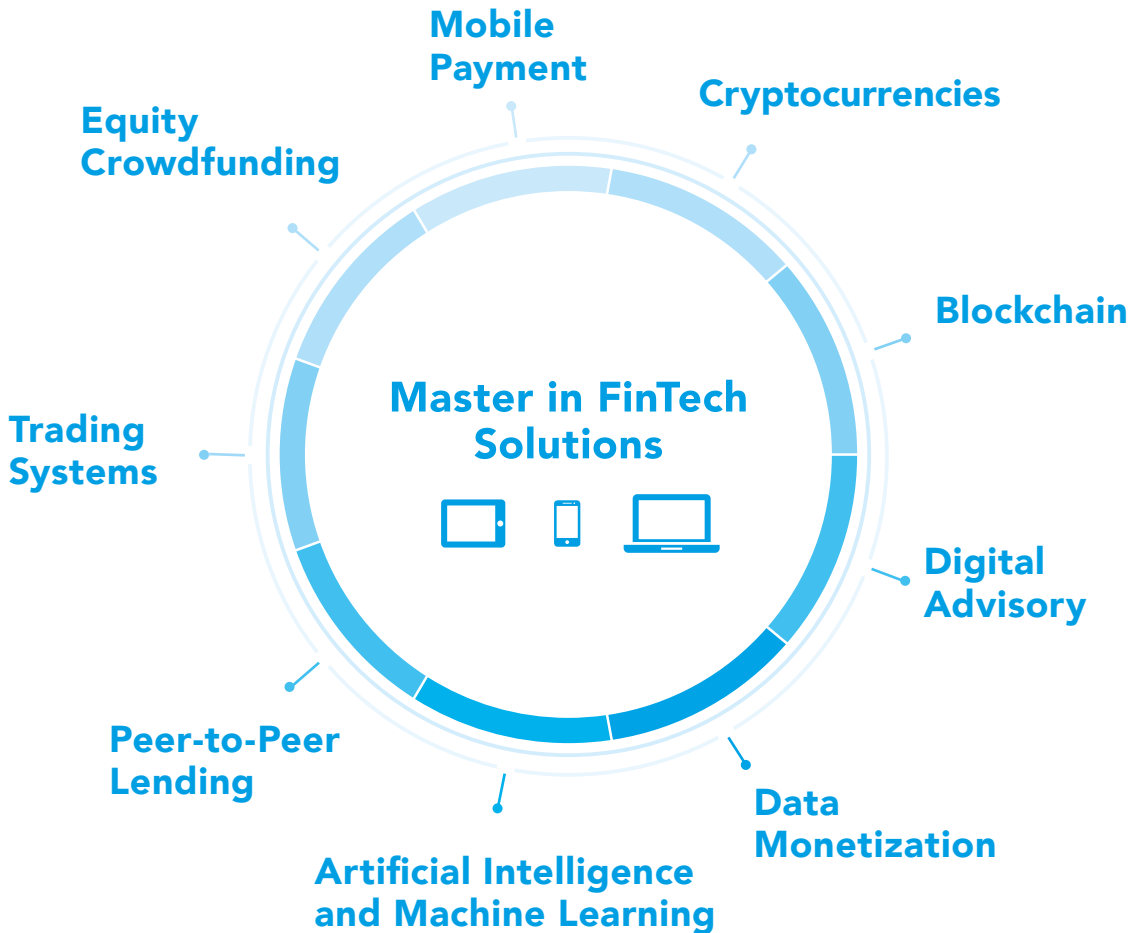
Goals

The main goal of MFTS is to help you drive innovation in the financial sector.

During this program, you will discover the main disruptive technologies that are reshaping this sector as well as how banks and startups are rethinking the current financial services.

Disrupt financial business through digital innovation.

Redefine Finance Strategies and Operations Through Innovation



Contents Master in FinTech Solutions



FinTech Foundations

1. Basic Fintech Terms
2. Fintech's Distinctive Aspects
3. Disruptive Business Solutions
4. FinTech trends and opportunities



Digital Economy

1. The digital transformation
2. Digital products
3. Online marketing
4. Creative strategy on the internet



Data Science

1. Big Data and Machine Learning
2. Recommendations
3. Credit Modeling
4. Risk Management



Agile Management

1. Agile VS Traditional Management
2. Scrum
3. Kanban
4. Visibility and transparency



Money Management Technologies

1. Financial Management
2. Liquidity Management
3. Wealth Management / Invest. Banking
4. Robo Advisors & Systematic Trading



FinTech Sectors

1. Infrastructure & Cybersecurity
2. Lending
3. Payment & Transfer
4. Cryptocurrencies

Contents Master in FinTech Solutions



Technology & FinTech

1. Fundamentals
2. Languages
3. Infrastructures and cloud
4. Communications



Blockchains & Cryptocurrencies

1. The Bitcoin
2. Other Proprietary Cryptocurrencies
3. Beyond Bitcoin and Cryptocurrencies
4. Other Blockchain Applications



Frameworks & Regulation

1. The digital transformation
2. Digital products
3. Online marketing
4. Creative strategy on the internet



Entrepreneurship

1. Framing and Pitching your Idea
2. Strategic Analysis
3. Marketing of Financial Services
4. Investors: Business Angels, VC Firms



Innovation & Creative Technology

Ability to think creatively with a business frame of mind, focusing on bringing new innovations to market. It will instill an appreciation of the characteristics and motivations of creative people.



Project

Hands-on training. Thanks to Fintech transversal challenge, students combine business, finance and tech skills aimed to generate innovation.

Details Master in FinTech Solutions

TYPE	LOCATION	DURATION	LANGUAGE
Full Time Master degree	Barcelona, Spain	9 months (1 academic year)	English
ACCREDITATION	CREDITS	INTAKE	FEES
by Barcelona Technology School	60 ECTs	October	17.000€

PAID INTERNSHIPS & DIGITAL JOBS

BTS offers paid internships in leading digital companies to their students. Take advantage of the BTS ecosystem and get a professional experience during & after the program.

Ask for information:



info@barcelonaitschool.com



+34 933 041 721



How to apply

If you are passionate about Fintech and you would like to access to job opportunities, develop the best digital talent and have a master experience in Barcelona...we just ask you for 4 requirements:

1 Application Form

barcelonatechnologyschool.com

2 Motivation Letter & CV

Send the admissions office your CV as well as a motivation letter explaining how you think the digital industry will be in the next five years and how you could contribute to the digital transformation.

You can submit this documentation directly to info@barcelonaitschool.com

3 Interview

Our admission board, as well as the director of the program, will analyze your candidature and if you meet the profile of Barcelona Technology School, we will call you to have a chat.

4 Payment

To ensure your place on the Master, you must secure it by making the reservation payment.

MFTS

Fintech Foundations, Data Science, Money Management Technologies, Blockchains & Cryptocurrencies, Technology & Fintech, Frameworks and Regulation, Digital Economy, Agile Management, Fintech Sectors, Entrepreneurship, Innovation and Creative Technology and Project.

Full-Time Program

Barcelona

9 Months

English

Intake: October

60 ECTs

17,000€

Awarded by Barcelona
Technology School.

Admissions Office

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Traditional banking going digital

"Silicon Valley is coming and if banks don't up their game, then tech companies will take over the industry's business. There are hundreds of startups with a lot of brains and money working on various alternatives to traditional banking".



Jamie Dimon
CEO J.P. Morgan

**FinTech
Forces**



Digital native FinTech projects

Ant Financial, the digital payments arm of Alibaba, China's ecommerce colossus, was founded in 2014 and already has more than 450 million annual active users, more than the world's biggest banks. "Mobile increases reach, cloud brings down cost processing, Big Data increase capabilities to manage risk and Artificial Intelligence redefine financial services."



Eric Jing
CEO Ant Financial

Regulations

"Will we have e-krona in an e-wallet in the future, as naturally as we now have a wallet with cash in it? The less those of us living in Sweden use banknotes and coins, the clearer it becomes that the Riksbank needs to investigate whether we should issue electronic money as a complement to the money we have today."



Cecilia Skingsley
Deputy Governor,
Swedish Central Bank



why **BTS**

- 1 Certification awarded by Barcelona Technology School.
- 2 Professional experience during the Masters through paid Internships & Job Opportunities.
- 3 Ecosystem of top digital companies and tech labs.

An aerial photograph of Barcelona, Spain, showing a dense urban landscape with numerous buildings, streets, and green spaces. The sky is clear and blue. The text is overlaid on the top half of the image.

GREAT CAREERS ARE WAITING FOR BARCELONA TECHNOLOGY SCHOOL GRADUATES

- 4 International environment of tech people from all over the world.
- 5 Development of the most demanded digital skills.
- 6 Beach & sports club, social and sports installation located on the beachfront of Barcelona.

Information and admissions

info@barcelonatechnologyschool.com
(+34) 93 304 17 21

Location

Barcelona. Almogàvers 123
Barcelona's Technological
district (22@)



BTS

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