



MASTEAM - MATT

Welcome meeting

Autumn 2023 intake

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September 5th, 2023

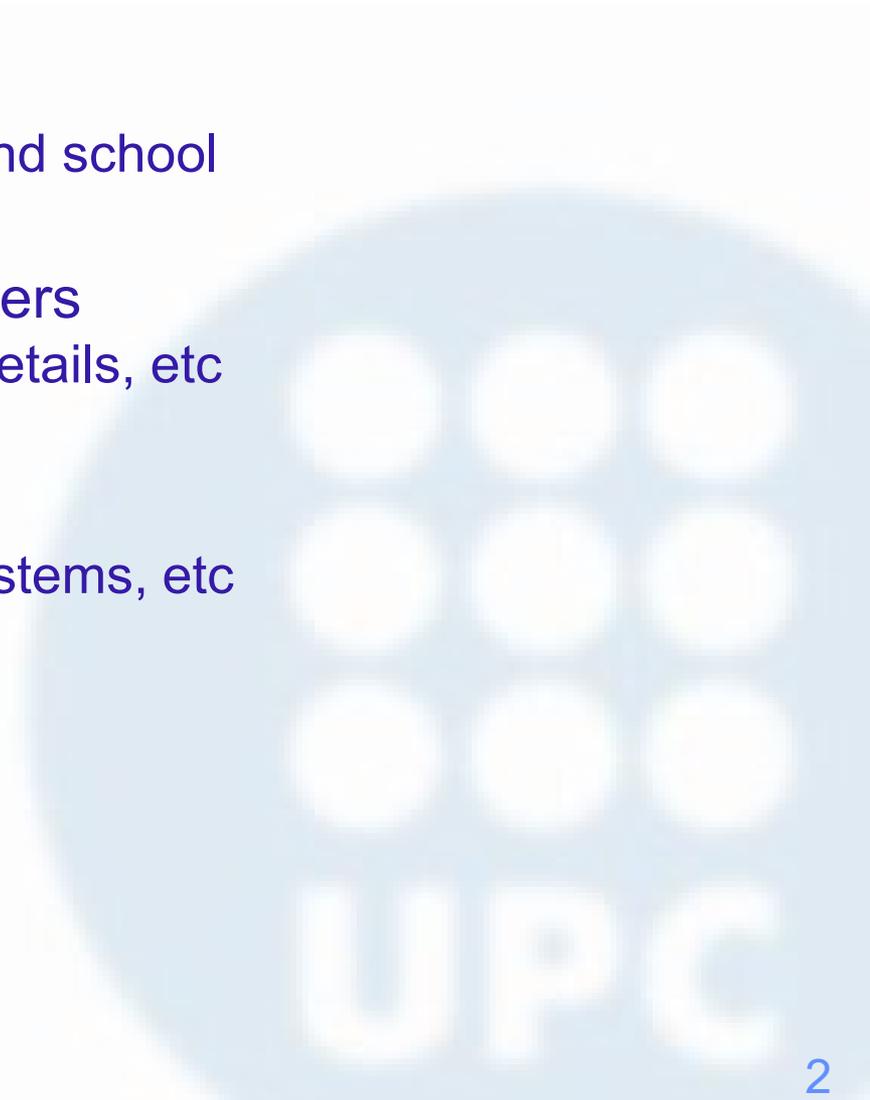
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Outline

- Institutional presentation
 - Your university, campus, and school
- MASTEAM and MATT masters
 - Course structure, academic details, etc
- Practical information
 - Legal aspects, information systems, etc





YOUR UNIVERSITY

UNIVERSITAT POLITÈCNICA DE CATALUNYA
(UPC) - BARCELONATECH



Facts & figures

<https://www.youtube.com/watch?v=wDyRDtz-uho>

- UPC, the Technical University of Catalonia
 - Founded in 1971, from century-old schools
 - 18 schools in 6 cities and 9 campuses



Facts & figures

- UPC Figures (course 2022-23)
 - 32000 students
 - of which 24000 at bachelor, 5800 at masters, and 2100 in PhD programs
 - 1300 incoming mobility students per year
 - 3500 teaching and research staff
 - 2000 administrative and service staff

<http://www.upc.edu/en/the-upc/the-institution/facts-figures>
- Well positioned in rankings (specifically in the ICT field) and presence in European research projects

UPC Facts & figures

Top Spanish university as recipient of funding from EU Horizon 2020 research projects, and among the first positions at the European level

5G Barcelona

- Local and EU H2020 research project – many MASTREAM professors involved
- **i2Cat, UPC, CTTC**, Atos, Telefonica, MWCcapital, local & regional government, among other partners
- Presence of local partners in 22 out of the 37 5G-related H2020 EU projects



MASTEAM Alumni

- 93% of employed alumni
- 71% find a job in less than 3 months (87% in less than 6 months)
- LinkedIn: 240+ contacts



Personas

Contactos

Ubicaciones

Empresa actual

241 resultados



Pablo Pitarch Miguel • 2º

Data Architect en ClearPeaks
Barcelona

Francesc Tarrés y Javier Ozón Górriz son contactos en común



Gabriel Urrutia • 2º

DevOps
Barcelona

Néstor López Serveto es contacto en común



Marc Hernández Urrea • 1er

Fue a Universitat Politècnica de Catalunya
Barcelona y alrededores

Wathiq Mansoor, Francesc Tarrés y 29 contactos más en común



Ivan Balboteo Toledano • 2º

Senior Software Engineer en Submer
Barcelona y alrededores

Francesc Tarrés, Víctor Pascual Villanueva y 3 contactos más en común



Luis Miguel Amorós Martínez • 2º

Product Manager en Giesecke+Devrient
El Prat de Llobregat

Mateu Seguí Dopazo, Francesc Tarrés y 8 contactos más en común



Noemí Arbós Linio • 2º

R&D Product Owner en Giesecke+Devrient
Barcelona y alrededores

Mateu Seguí Dopazo, Francesc Tarrés y 5 contactos más en común



Kevin Sangüesa Cremades • 2º

Business Development Manager for Public sector
Cataluña, España

Francesc Tarrés, Francisco Luque Gil y 6 contactos más en común



Fausto Gil • 2º

Departamento Comercial en ADTEL
Castellbisbal



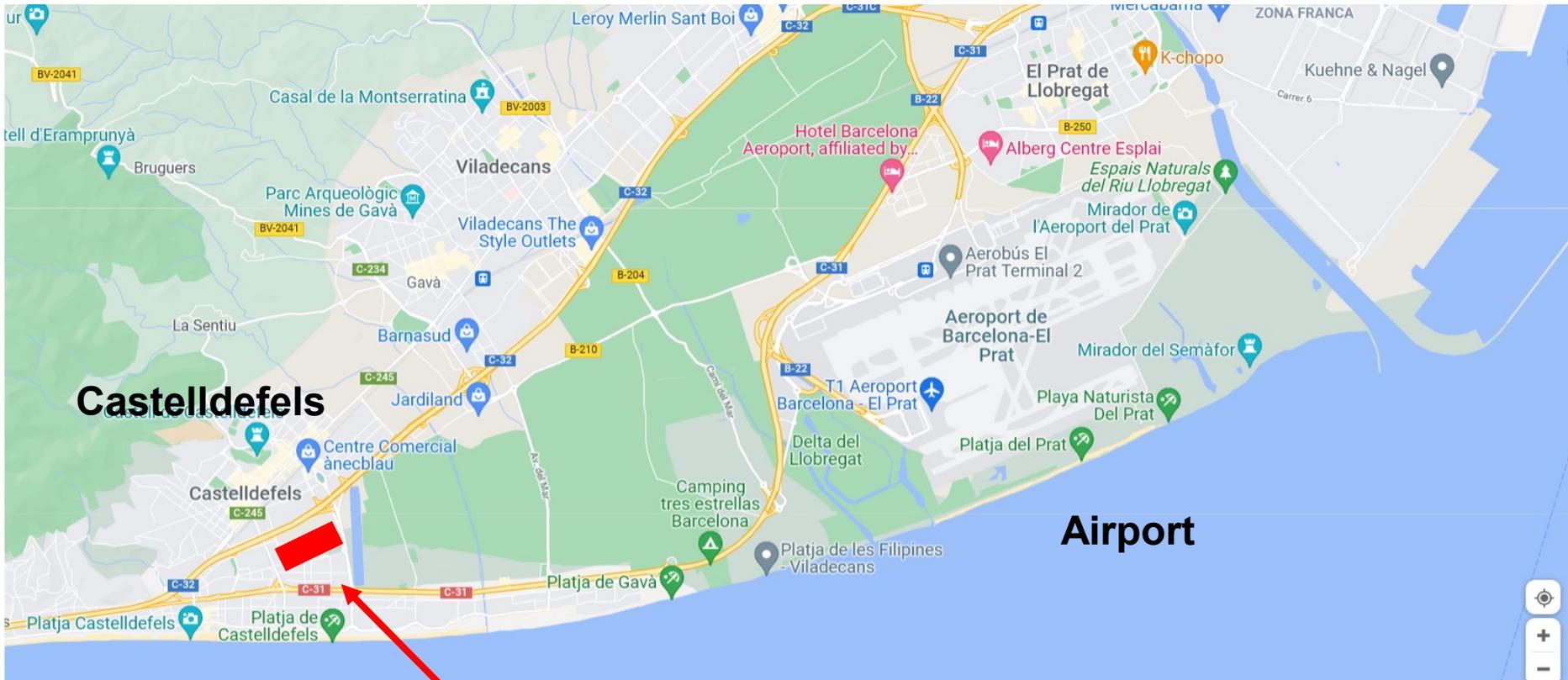
YOUR CAMPUS

CAMPUS DEL BAIX LLOBREGAT (CBL)

PARC MEDITERRANI DE LA TECNOLOGIA (PMT)

Where?

Barcelona



Castelldefels

Airport

~20 km from Barcelona

Castelldefels

Campus

gettyimages
By LTCE

A Campus (CBL) embedded in a Technological Park (PMT)



Website http://www.pmt.es/front-page/not_available_lang?set_language=en&cl=en

Video: <https://www.youtube.com/watch?v=tXwZwET0tlo>

The PMT

What is the PMT?

- The PMT is a nerve centre for research and innovation that aims to foster relations between:
- **University** engineering schools (CBL - Campus del Baix Llobregat of the UPC, and UOC – Open University)
- Public **research centres**
- Private **companies** involved in technological innovation
- Technology-based **spin-off** companies

Topic Areas

- **Information and Communication Technologies**
- **Aeronautics and Space Engineering**
- **Biological Engineering**
- **Agri-Food Engineering and Biotechnology**
- **Photonic Technologies**
- **Geo-Information and Remote Sensing**
- **Environmental Technologies**
- **Numerical Methods in Engineering**



European Space Agency - Business Incubator (BIC)





ICFO^R

**Institut
de Ciències
Fotòniques**

Institute of Photonic Sciences





Telecommunications Technology Centre of Catalonia





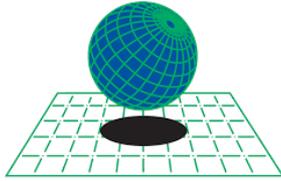
Barcelona School of Agri-Food and Biosystems Engineering (EEABB)





Universitat Oberta de Catalunya (UOC, Open University)



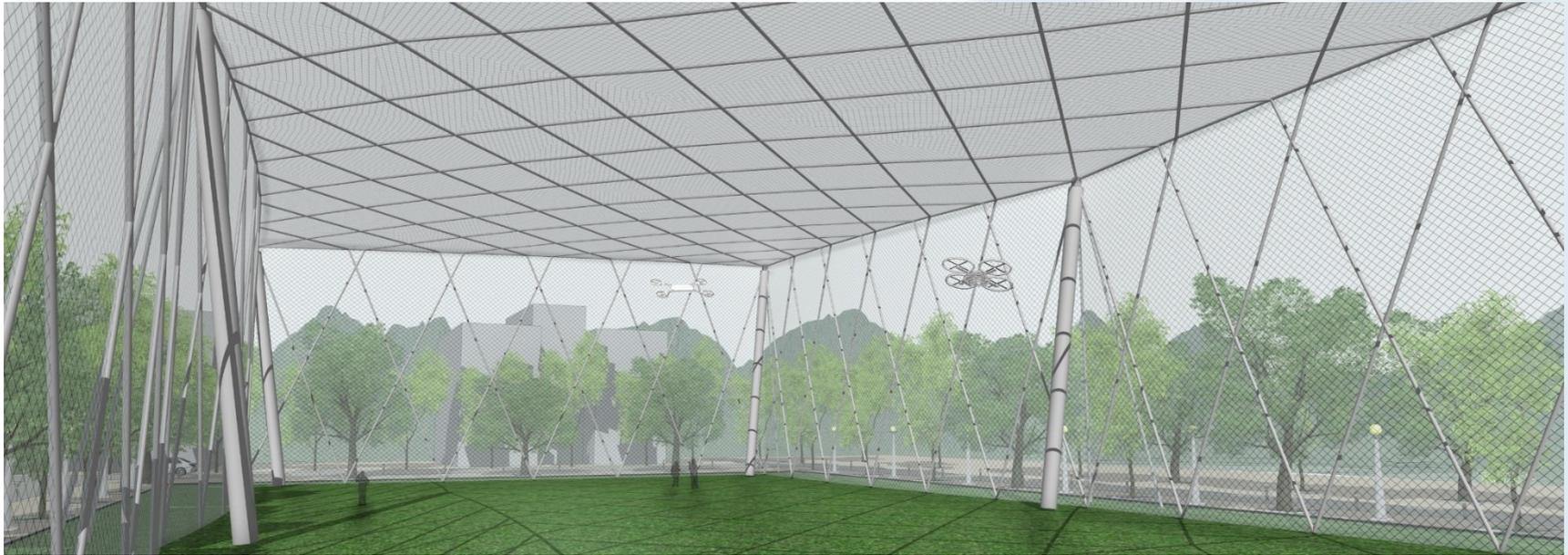


CIMNE[®]

International Center for Numerical Methods in Engineering (UPC, building shared with EETAC)



DroneLab



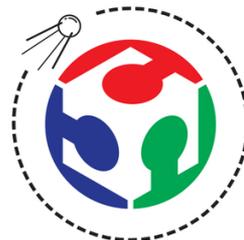
i2cat[®] Foundation (Internet 2 Catalonia)



Companies established at the PMT



DARES



IDEA Bio-Medical Ltd.
Seeing Better



D7 or Campus building – common services



Campus Library (D7)



Some figures:

- Covered area: around 3000 m², on 3 floors
- Seats: 300
- Computers: 77
- Laptops: 40
- Collections:
 - 16000 volumes at the room,
 - 1400 magazines,
 - 6000 volumes on warehouse
 - 20000 volumes in process of catalogue
- Global WiFi coverage
- Self-service printer machines

Restaurant - Bar (D7)

- 8:00 AM – 4 PM during lecture days
- Breakfast, lunch
- Study room (open after hours and on exam weekends)



Residence

Pius Font i Quer Residence

- 187 rooms which include **single studios**, each with bathroom and kitchen, and **apartments** for two people, with a living-dining room, kitchen and bathroom, all fully equipped for habitation.
- Designed to accommodate **university students, grant holders, researchers, guest lecturers** and other users visiting the **CBL and PMT**, as well as general members looking for **accommodation in Castelldefels**.

<http://www.resa.es>





YOUR SCHOOL

CASTELLDEFELS SCHOOL OF TELECOMMUNICATIONS AND AEROSPACE ENGINEERING (EETAC)



C4 building: classrooms, labs, teacher offices, research



C3 building: teacher offices, research labs + CIMNE

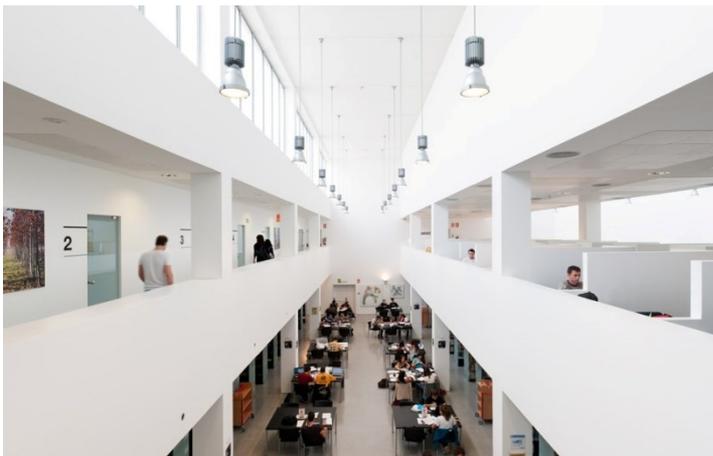


C3 & C4 buildings



Academic Programs

Bachelor degrees (4 years)	
	Bachelor's degree in Telecommunication Systems Engineering
	Bachelor's degree in Network Engineering
	Bachelor's degree in Aerospace Engineering (specialization in Air Navigation and Airports)
	Double degrees (Telecom+Network, Aerospace+Telecom, or Aerospace+Network) in 5.5 years





Academic Programs

Master degrees	
	Master of Science in Telecommunication Engineering & Management (MASTEAM) – 1 year
	Master in Advanced Telecommunications Technologies (MATT) – 1 year
	Master in Aerospace Science And Technology (MAST) – 1 year
	Master in Unmanned Aircraft (Drones) Systems Engineering (MED) – 1 year
	Master in Aeronautical Engineering (MUEA) – Specialization in Air Navigation (2 years, 1 at ESEIAAT + 1 at EETAC)
PhD programs	EETAC professors collaborate in the following PhD programs at UPC:
	<ul style="list-style-type: none">• Electronic Engineering• Network Engineering (Telematics)• Signal Theory and Communications• Computer Science• Management and Business Organization• Aerospace Science and Technology

University Departments and Faculty

DEPARTMENT			DEPARTMENT	
Computer Architecture	20			
Electronics Engineering	12		Physics and Nuclear Engineering	1
Network Engineering (Telematics)	20		Institute of Energy Technology	2
Management and Business Organization	15		Applied Mathematics I	1
Signal Theory and Communications	35		Applied Mathematics III	1
Construction Engineering	1		Applied Mathematics IV	15
Applied Physics and Aeronautics Engineering	34		Graphical Expression in Engineering	11
Materials and Structure Engineering	2		Agri-Food Engineering and Biotechnology	2
Geotechnical Engineering and Geo-Sciences	4		Control theory and industrial computers	1
TOTAL			165	

EETAC Research Groups

- **Advanced Materials and Technologies for Communications**
- **Audio-visual Systems**
- **Broadband Networks and Services**
- **Control, Monitoring and Communications**
- **Distributed Systems Architectures**
- **Instrumentation, Sensors and Interfaces**
- **Intelligent Communications and Avionics for Robust Unmanned aerial Systems**
- **Mobile and Radio Communications**
- **Optical Communications**
- **Wireless Networks**
- Astronomy and Astrophysics
- Combinatorial & Graph Theory and Applications
- Materials group
- Microgravity and Modelization group
- Non Linear Dynamic of Fluids group



MASTEAM

MASTER IN APPLIED TELECOMMUNICATIONS AND
ENGINEERING MANAGEMENT

MATT

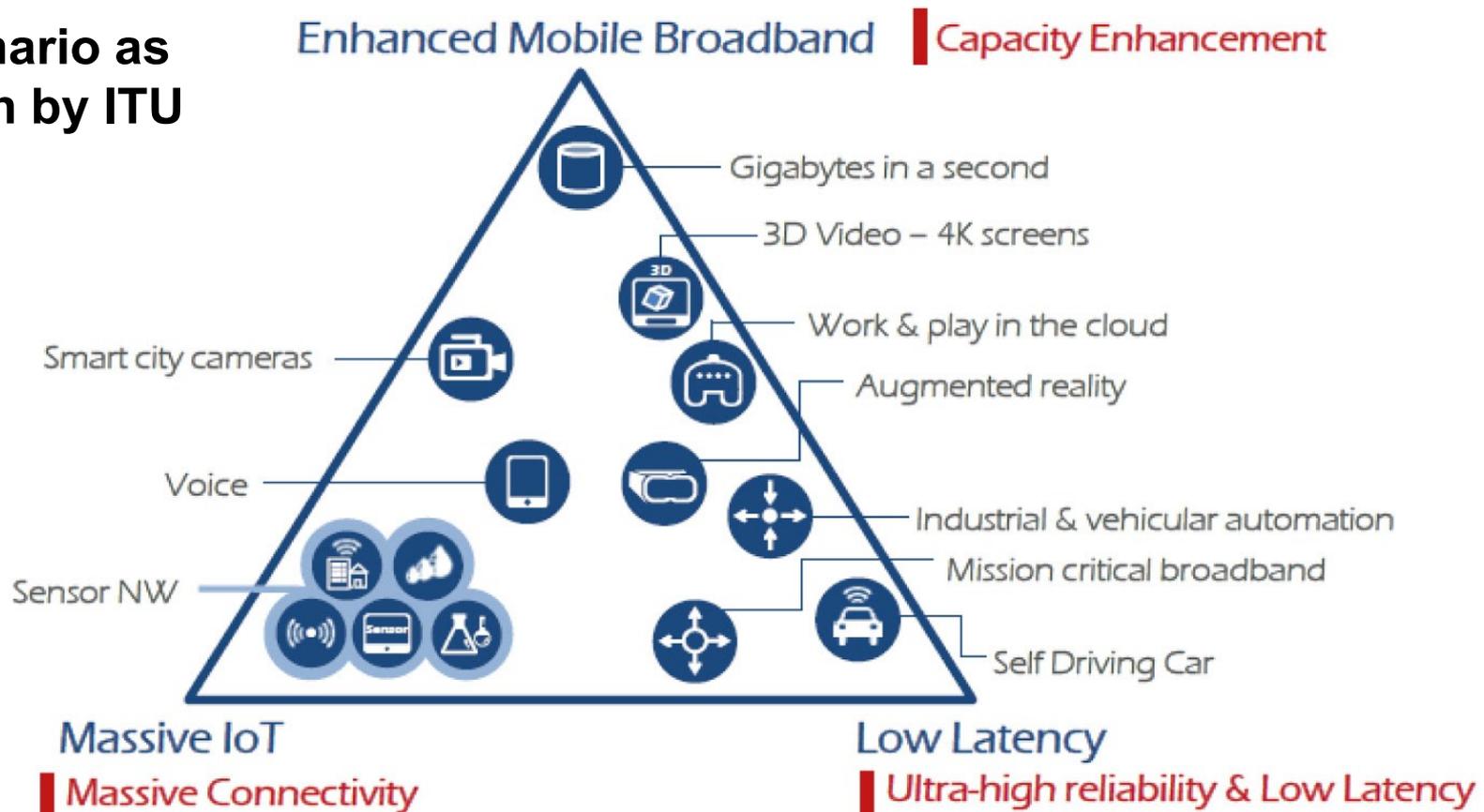
MASTER IN ADVANCED TELECOMMUNICATIONS
TECHNOLOGIES

Scope and Objectives

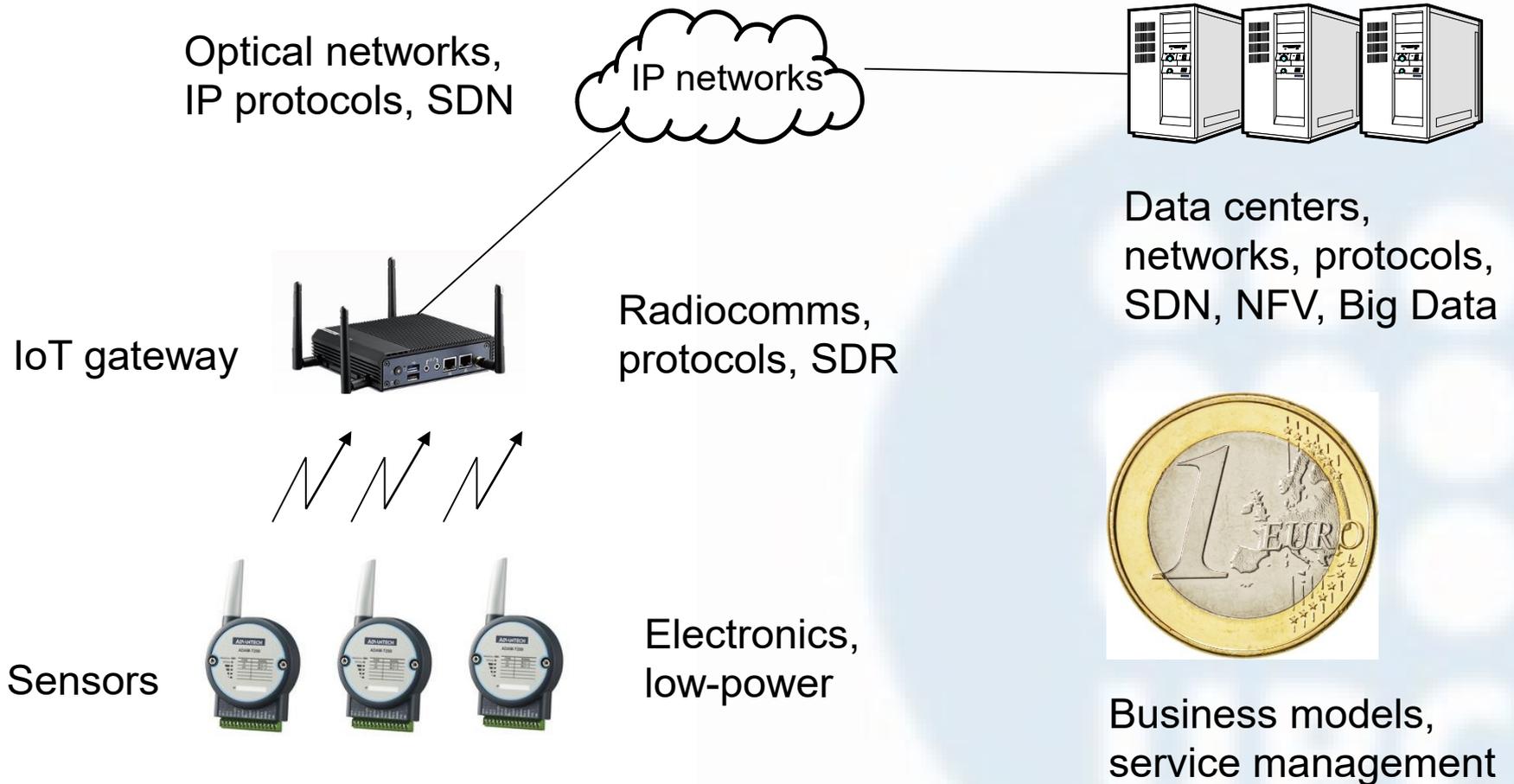
- Telecommunication has evolved from audio and video communication for personal information exchange and entertainment to **pervasive data communication** in the **Mobility** and **Internet-of-Things** era.
- Our master's degrees are intended for those willing to acquire the skills that will enable them to **conceive, design and implement cutting-edge engineering solutions** based on the latest telecommunication and Internet technologies in order to improve people's welfare in a sustainable economy.
- We **focus on 5G and IoT**

Scope and Objectives – 5G

5G Scenario as foreseen by ITU



Scope and Objectives – Internet of Things



Approach/Strategy

- Generic courses on:
 - Sensors (data source)
 - Wireless and optical technologies for data communication
 - Advanced data-processing methods
 - Design optimization algorithms
 - Translation of ideas into new devices and services
- Specific courses on cutting-edge applications:
 - Internet of Things
 - Smart Objects
 - Body Area Networks
 - Image Processing
 - Network Security
 - Service engineering



Approach/Strategy

- Finally, students will consolidate their knowledge by applying it to a challenging problem during the master thesis
- Teaching resources largely involve student participation in lectures, laboratory work and hands-on projects

Structure of MASTEAM and MATT

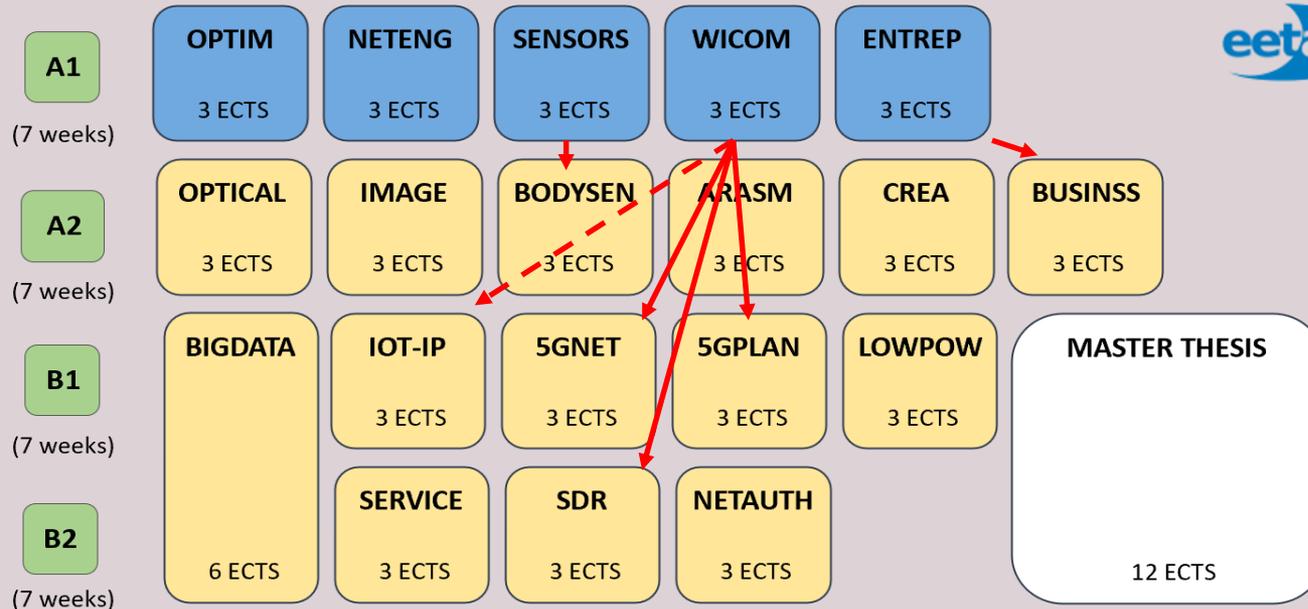
- Workload: 60 ECTS credits = 1500h

https://es.wikipedia.org/wiki/European_Credit_Transfer_and_Accumulation_System

- At UPC masters, 1 ECTS = 25h of student activities = **9h at classroom + 16h of autonomous learning**
- Mandatory contents: 15 ECTS
- Optional contents: 33 ECTS
 - MASTEAM: any combination of 33 ECTS from an offer of 45 ECTS
 - MATT: the elective contents are fixed for both the 5G and IoT tracks
- Master Thesis: 12 ECTS

MASTEAM – course structure

Master's degree in Applied Telecommunications And Engineering Management (MASTEAM)



Legend:

- Mandatory courses (15 ECTS)
- Elective courses (33 ECTS out of a total offer of 45 ECTS)
- Master's thesis (12 ECTS)

Course sequence constraints

- Some of the mandatory courses are **pre-requisite** before taking some elective courses (hard constraint), or **recommended** (soft constraint)
- MASTEAM
 - WICOM is **pre-requisite** of 5GNET, 5GPLAN, and SDR
 - ENTREP is **pre-requisite** of BUSINESS (but both courses can be enrolled in the same semester and be taken consecutively)
 - WICOM is **recommended** before IOT-IP
 - SENSORS is **recommended** before BODYSEN

Calendar and Course Schedule

- Published in the school and MASTREAM websites and Atenea's MASTREAM course
 - Organized in 13 to 15 actual weeks, but only 13 complete weeks
 - Holidays
 - Adjustments such as “Friday September 15th will run a Monday schedule”
- Exam weeks, mid-semester and end of semester– check the exam calendars
- Lectures will take place mainly in classroom C4-021B
 - Ground floor, blue tower, in the middle of the C4 building
 - Laboratories: 334-5G, 331G (yellow tower), 127B and 129B (blue tower), among others
 - Some talks will be scheduled along the semester

Academic Calendar (Autumn 2023)

Autumn semester

Calendar EETAC 2023-24 (Q1)  

September 2023

	Mo	Tu	We	Th	Fr	Sa	Su
					1	2	3
w1	4	5	6	7	8	9	10
w2	11	12	13	14	15	16	17
w3	18	19	20	21	22	23	24
w4	25	26	27	28	29	30	

October 2023

	Mo	Tu	We	Th	Fr	Sa	Su
							1
w5	2	3	4	5	6	7	8
w6	9	10	11	12	13	14	15
w7	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
w8	30	31					

November 2023

	Mo	Tu	We	Th	Fr	Sa	Su
w8			1	2	3	4	5
w9	6	7	8	9	10	11	12
w10	13	14	15	16	17	18	19
w11	20	21	22	23	24	25	26
w12	27	28	29	30			

December 2023

	Mo	Tu	We	Th	Fr	Sa	Su
w12					1	2	3
w13	4	5	6	7	8	9	10
w14	11	12	13	14	15	16	17
w15	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

January 2024

	Mo	Tu	We	Th	Fr	Sa	Su
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				

Legend:

- Lectures
- No Lectures
- Holiday
- Lectures (activity restricted)
- 15/09 Monday schedule and 31/10 Wednesday schedule
- Exams
- Laboratory Exams
- Marks publication deadline (12h)
- Marks revision deadline (12h)
- Castelldefesta (no lectures)
- 15/05: Forum AeroTelecom. **Wednesday schedule** 8 to 11 and 18 to 21
- 17/05 **Wednesday schedule from 11 to 18**
- 15/05 and 17/05 together are one Wednesday
- PAU (high school exams)
- PAU (high school exams) / Lab exams

Enrolment

- Enrolment takes place once per semester, in **February** and **September**
 - First enrolment (today) is face-to-face, but the next ones can be done online via e-secretaria.
- Changes after enrolment are possible, but
 - Must be officially requested at Oficina Oberta / e-Secretaria and be approved by the Academic Coordinator
 - There are deadlines, and any request after them can be denied and imply a cost of approx. 27 EUR.
 - Courses can be dropped (before a deadline), but...IMPORTANT: if the changes result in a reduction of the number of credits enrolled, no refunds will be performed. But it is still convenient to drop courses if you think you are going to fail, due to the increasing surcharges for the 2nd, 3rd and 4th attempts <https://www.upc.edu/en/masters/fees-grants>

Qualification

- Marks are numerical, scale 0-10
 - You need at least a 5 to pass the course
 - In case you obtain a 9 or more, you can be eligible for “with honors” distinction (“Matrícula d’Honor”, MH).
 - Limited to the best 5% students in each course (1/20 ratio)
 - Assigned at the professors’ discretion.
 - Discount in the next enrolment for the same amount of credits with distinction

Academic Performance

- If you do not pass 15 credits in your first year (2 semesters), you cannot continue your studies
 - You can request a (justified) one-time exception to the rule
- Alpha factor = credits passed / credits enrolled
 - If $\alpha < 0.5$, your next enrolment will be limited to 24 credits
 - If $\alpha < 0.3$ for 3 times, you cannot continue your studies
 - You can request a (justified) one-time exception to the rule

Weekly talks, seminars, visits



Master Thesis

- Research / development work, to be defended.
 - Advised / directed by a EETAC teaching staff member
 - Written report + public presentation, evaluation committee
 - Outcome: research paper (journal, conference) + divulgative poster/blog entry
- Can be done at:
 - EETAC research groups
 - Research institutions (only those with a UPC agreement)
 - Companies (only those with a UPC agreement)

External theses require an academic tutor-supervisor from EETAC
- Thesis proposals are published in the EETAC and ETSETB websites https://mitra.upc.es/SIA/PFC_PUBLICA.LLISTAT_OFERTS?w_codi_programa=1142
- Repository of MASTREAM and MATT theses from previous years
<https://upcommons.upc.edu/handle/2117/89303?locale-attribute=en>
<https://upcommons.upc.edu/handle/2117/192882>

Internships

- You can do internships at companies (provided they have an agreement with EETAC), but you cannot waive course credits
 - The tasks must be related to the master topics
- Maximum of 600h during the whole program
 - If you plan to do your Master Thesis in a company, please note that it consumes 360 hours – you should consume up to $600 - 360 = 240$ hours as internships while you do your courses
- Salary
 - Typically 10 EUR/hour, but there can be exceptions
 - Spanish citizens will suffer a tax retention of approx. 2%.
 - Foreign citizens can suffer a much higher retention (20-25%) depending on their legal status and taxation regime
- MASTREAM internships are managed by EETAC:
<https://eetac.upc.edu/en/study/internships>

Internships

- When?
 - After having passed at least 15 ECTS credits
 - **Advice:** wait until the second semester or after 30 ECTS
 - **IMPORTANT:** during the semester you do the internship, you **MUST** enroll at least 15 ECTS credits (or enroll the last 12 ECTS of the Master Thesis)
- Your academic tutor must review and approve the work plan, considering your workload, academic records, and tasks involved
- If you are older than 28 years, the School insurance does not cover the internship, and you should contract one. UPC has an agreement with CONFIDE
- Check more details at <https://eetac.upc.edu/en/study/internships>

Collaboration and research grants

- UPC departments and administrative services periodically offer collaboration
- Typical collaboration grants topics: information desks, library, support during enrolment periods, technical support at laboratories, etc. Almost never teaching activities.
- Typical research grants topics: collaboration in research projects as laboratory technician.
- When?
 - In principle there are no requirements, but it is strongly advised not to be involved until having passed 15 ECTS
 - **IMPORTANT:** offers almost always assume fluency in Catalan and/or Spanish, but some offers (mainly related to research or information desks for foreign students) are open to English-only speakers.
- Check the MASTTEAM-MATT Atenea course for links to the offers

Mobility and Double Degrees - MASTEAM

- Master Thesis in more than 30 partner institutions in Europe
<https://eetac.upc.edu/en/mobility>
- You can also do the Master Thesis at a company abroad
<https://eetac.upc.edu/en/study/internships/internships-abroad>
- Double Degree agreements: 1 year MASTEAM + 1 year abroad
= 2 master degrees

Double Degrees – MASTEAM

- Double Degree agreements
 - 1 year MASTEAM + 1 year abroad = 2 master degrees
 - Aalto University (School of Electrical Engineering), Finland: [Master's Programme in Computer, Communication and Information Sciences - Communications Engineering tracks](#). More details [here](#).
 - Università dell'Aquila (UNIVAQ), Italy: [Master in Telecommunications Engineering](#). More details [here](#).
 - Cranfield University (UK):
 - [Digital Signal and Image Processing](#), [Autonomous Vehicle Dynamics and Control](#), [Knowledge Management for Innovation](#), [Automotive Mechatronics](#), [Software Engineering for Technical Computing](#), Aerospace Computing (new program), [Computer Aided Engineering](#), [Geographical Information Management](#). More details [here](#).
 - Negotiations ongoing with Politecnico di Torino (Italy) and other potential partners

Access to PhD programs

- To be admitted in a PhD program in the European Higher Education Area (EHEA), you must have:
 - An official Bachelor Degree and at least an official Master Degree
 - At least 300 ECTS credits between Bachelor and Master
- MASTREAM and MATT are official Master degrees recognized by Spanish and European authorities.
- Therefore, combined with a 240 ECTS Bachelor Degree (equivalent to 4 years full-time), it allows you to access an official PhD program
 - Foreign students must legalize/validate their Bachelor Degrees in the Spanish Ministry of Education





UPC PhD programs related to ICTs

← → ↻ 🏠 🔒 https://doctorat.upc.edu/en/programmes?set_l: ☆ 📧 ⬇️ ☰ Ⓜ

Programmes by area

-  **Architecture, Urbanism and Construction**
-  **Sciences**
-  **Civil and Environmental Engineering**
-  **Information and Communications Technologies Engineering**
 - ▶ Artificial Intelligence
 - ▶ Bioinformatics
 - ▶ Computer Architecture
 - ▶ Computing
 - ▶ Electronic Engineering
 - ▶ Erasmus Mundus in Information Technologies for Business Intelligence (IT4BI – DC)
 - ▶ Network Engineering
 - ▶ Signal Theory and Communications

Ethics

- As a UPC master student, **we expect you to**
 - Have a strong sense of **ethics: cheating, copying & pasting**, etc are **not an option** neither here nor in the professional world
 - **Academic Regulations for Bachelor and Master's Degrees at the UPC**

Section 3.1.2. Students' rights and obligations during the assessment process

(...) Irregular actions potentially leading to a significant variation of the marks obtained by one or more students will be considered a breach of the assessment regulations. Such behaviour will result in a descriptive mark of "Fail" and a numerical mark of 0 for the examination in question **and** the subject, without prejudice to any disciplinary proceedings that may result from that behaviour (...)

https://www.upc.edu/sga/es/shared/fixers-normatives/AcademicRegulations_EN/NAGRAMA/nagrama-18-19_en_definitiva.pdf/

Work load & Competences

- As a UPC master student, **we expect you to**
 - **Work hard**: a master student must demonstrate ability to produce good results and excel – be self-demanding!
 - Demonstrate **research-oriented** and **management skills**
 - Acquire and demonstrate **competences**
 - **Cooperative work** – working in teams
 - **Autonomous learning** – not everything will be provided
 - **Critical thinking** and self-evaluation of your work
 - Good **oral and written skills**
 - **Communication** – both with instructors and fellow students
 - Our mission is to help you discover **how far you can go**



PRACTICAL INFORMATION



Foreign (non-EU) students

- NIE / TIE card
 - Foreign visitor's ID card
 - You MUST obtain your NIE / TIE as soon as possible
 - Visit
 - External relationships office at Castelldefels Campus
 - International and Corporate relations Bureau at Campus Nord Barcelona

<https://www.upc.edu/sri/en/students/students-mobility-office/incomings>
- Legalisation of Academic documents
 - Spanish Ministry of Education
 - Must be started as soon as possible, in order to have it finished by the end of your studies, and must include the average qualification
 - Visit the Teaching Office cbl.oficina.docencia@upc.edu

Transport tips

- The Campus can be reached by
 - Train - fastest option from Barcelona
 - All R2sud and R2 lines stop at Castelldefels – do NOT take regional trains (R13, R15, R16)
 - 6 trains/h from/to Barcelona at peak hours, 4 otherwise
 - 20-25 mins from/to Sants-Estació (central station), 25-30 mins from/to Passeig de Gràcia, 35-40 mins from/to Estació de França
 - Buses
 - L95 has a stop just outside the campus. Approx 1 h to/from Barcelona center (many stops at other cities: Gavà, Viladecans, L'Hospitalet).
 - E95: Express bus (shared stop with L95)
 - L99: Direct bus Castelldefels center - Airport Terminal 1
 - Car
 - Parking area close to the Olympic Canal
- Check map and details here

<http://eetac.upc.edu/en/the-school/how-to-arrive>

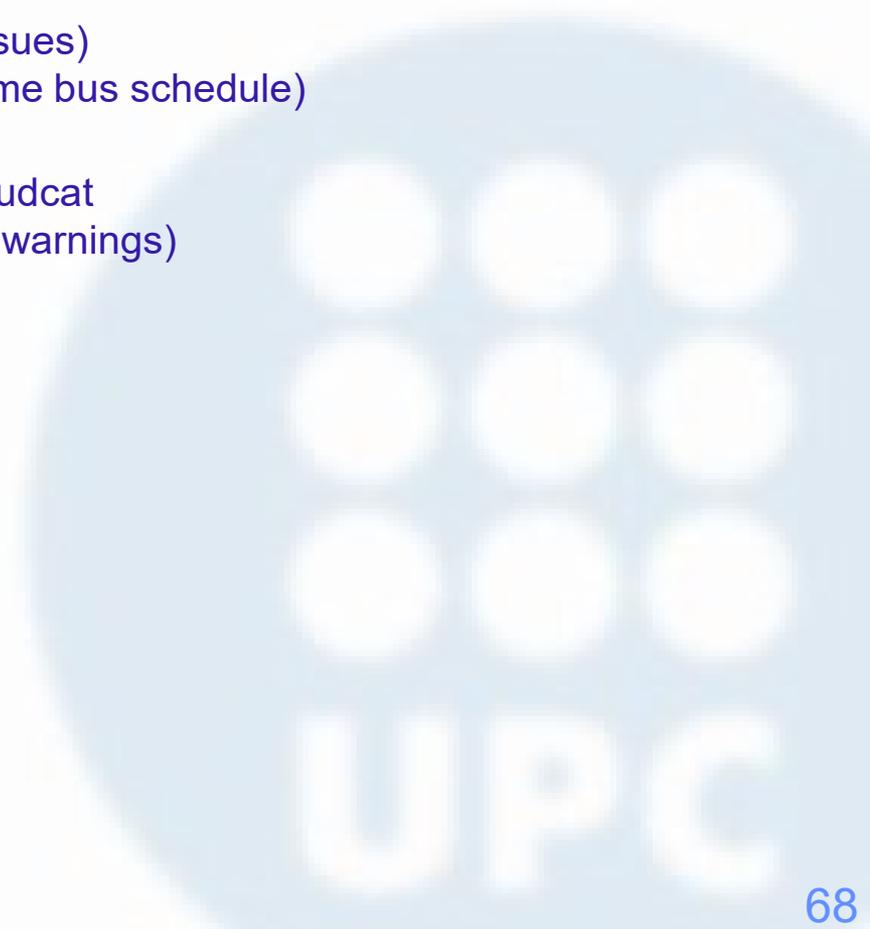
Transport tips

● Fares & tickets

- Until Dec 31st 2023 you can travel for free by train, with a 10 EUR deposit. See details at <https://www.renfe.com/es/es/grupo-renfe/sociedades/renfe-viajeros/abonos-renfe/abonos-rodalies-catalunya> (in Spanish)
- Buy zone 1 (including Barcelona and Castelldefels) integrated tickets (1h15 mins for changing between train, metro, bus, and tram). Avoid single ticket and buy T-Casual (10 trips) or T-Usual (unlimited trips for 30 days, the best and cheapest option). Valid also for L95/E95 buses
- Currently, T-Usual has 50% subsidy (Until Dec 31st 2023): <https://www.tmb.cat/en/barcelona-fares-metro-bus/single-and-integrated/transport-fares-reduction>
- More info regarding fares: <http://www.amb.cat/mobilitat/Principales/Tarifas.aspx?idioma=3>

Transport tips

- Apps & Twitter for service notifications
 - Apps:
 - ADIF (real-time train schedule)
 - Rodalies de Catalunya (train issues)
 - Pròxim Bus Barcelona (real-time bus schedule)
 - Twitter:
 - @rodalies, @rodalia2, @rod2sudcat
 - @avisosrodalies (personalized warnings)
 - @TMB_barcelona, @TMBinfo



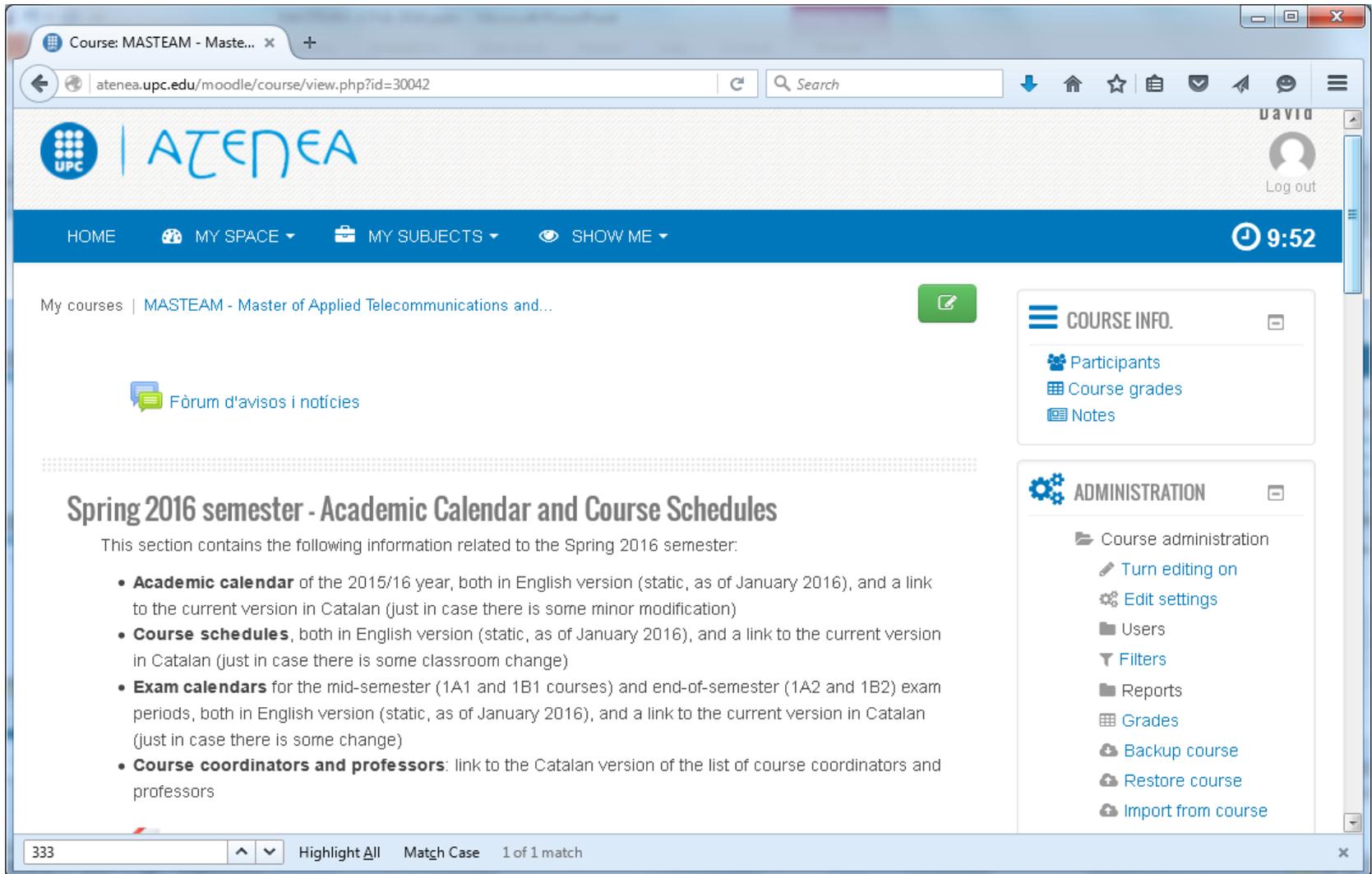
EETAC information systems

- **ATENEA** <https://atenea.upc.edu/>
 - An intranet for each course, with materials, assignments, etc
 - Generic courses: EETAC (Catalan), MASTREAM (English) with administrative information (normative, schedules, etc)
 - **SIA / NetArea** <https://mitra.upc.es/SIA/MAPA.INICI>
 - Qualifications, transcript of records, schedules
 - **e-Secretaria** <https://esecretaria.upc.edu/>
 - Personal / academic data
 - Administrative processes: enrolment, academic requests, etc
- All the systems share the same login/password credentials, activated 24h after your enrolment
 - The three platforms are accesible from EETAC's website



The screenshot shows a web browser window with the URL eetac.upc.edu/ca. The page header includes the UPC logo and navigation links: Mapa del lloc, Contacte, Identifica't, and a language selector set to Català. A search bar is also present. The main title is 'Escola d'Enginyeria de Telecomunicació i Aeroespacial de Castelldefels' with the eetac logo. A navigation menu contains: L'Escola, Estudis, Nous estudiants, Recerca, Mobilitat i pràctiques externes, and Serveis i tràmits. Below the menu, there is a sidebar with links: Calendari acadèmic, Horaris de classe i calendari d'exàmens, AZENEA, SIA (with a red arrow pointing to it), and e-Secretaria. The main content area features a 'Notícies' section with a featured article: 'L'Enginyeria de Sistemes de Telecomunicació i l'Enginyeria Telemàtica de l'EETAC en primera i tercera posició al rànquing d'universitats de El Mundo', dated 24/05/2016. Below it is another article: 'El MASTEAM de l'EETAC entre els millors màsters d'Espanya segons el rànquing de El Mundo'. A right sidebar titled 'Coneix l'EETAC' includes links for 'Directori', 'Jornades de Portes Obertes', 'CIENCIA TEC-PMT', and '#bitsquevolen', along with a 'Twitter' section.

MASTEAM Atenea course



Course: MASTEAM - Maste... x

atenea.upc.edu/moodle/course/view.php?id=30042

UPC | ATENEA

HOME MY SPACE MY SUBJECTS SHOW ME 9:52

My courses | MASTEAM - Master of Applied Telecommunications and...

Fòrum d'avisos i notícies

Spring 2016 semester - Academic Calendar and Course Schedules

This section contains the following information related to the Spring 2016 semester:

- **Academic calendar** of the 2015/16 year, both in English version (static, as of January 2016), and a link to the current version in Catalan (just in case there is some minor modification)
- **Course schedules**, both in English version (static, as of January 2016), and a link to the current version in Catalan (just in case there is some classroom change)
- **Exam calendars** for the mid-semester (1A1 and 1B1 courses) and end-of-semester (1A2 and 1B2) exam periods, both in English version (static, as of January 2016), and a link to the current version in Catalan (just in case there is some change)
- **Course coordinators and professors**: link to the Catalan version of the list of course coordinators and professors

COURSE INFO.

- Participants
- Course grades
- Notes

ADMINISTRATION

- Course administration
 - Turn editing on
 - Edit settings
- Users
- Filters
- Reports
- Grades
- Backup course
- Restore course
- Import from course

333 Highlight All Match Case 1 of 1 match

Institutional e-mail address & Gsuite

- Gmail-based institutional account with format:

[name.surname\(s\)@estudiantat.upc.edu](#)

- **IMPORTANT!!** You will receive there all the institutional messages from the School and the professors, and course notifications – **check it at least twice per day**
- Please check instructions on how to access and configure your e-mail address here (automatic translation):

<https://translate.google.com/translate?hl=en&sl=auto&tl=en&u=https%3A%2F%2Fserveistic.upc.edu%2Fca%2Fcorreu-v3-gmail%2Fdocumentacio%2Fconfigura-v3>

- You also have access to the Gsuite apps: calendar, Google Drive, Meet, Chat, etc.

<https://translate.google.com/translate?hl=en&sl=auto&tl=en&u=https%3A%2F%2Fserveistic.upc.edu%2Fca%2Fgsuite-for-education>

Wi-fi access, software and licenses

- EDUroam is the global Wi-Fi network for universities & research centers



<https://www.eduroam.org/>

- You can access it with your UPC credentials. Instructions:

<https://serveistic.upc.edu/ca/wifiupc/documentacio/eduroam-configuration-guide>

- UPC has a software distribution service and also provides some student license agreements

<https://distribuciosoftware.upc.edu>

<https://translate.google.com/translate?hl=en&sl=ca&tl=es&u=https%3A%2F%2Fserveistic.upc.edu%2Fca%2Fdistsoft%2Fel-servei%2Fprogramari-per-a-estudiantsi-professors>



Access to research databases

IEEE Xplore, Springer, etc from UPC or remotely via eBIB UPC

<https://biblioteca.upc.edu/ebib>

The screenshot shows a web browser window displaying the IEEE Xplore website. The address bar shows the URL ieeexplore.ieee.org/abstract/document/9380214. The page features a dark blue header with navigation links for IEEE.org, IEEE Xplore, IEEE-SA, IEEE Spectrum, and More Sites. A search bar is present with a dropdown menu set to 'All' and a search icon. Below the header, the main content area displays the title 'Gateway Placement Optimization in LEO Satellite Networks Based on Traffic Estimation' from the 'IEEE Transactions on Vehicular Technology', Volume 70, Issue 4. The publisher is listed as IEEE. There are buttons for 'Cite This' and 'PDF'. The authors listed are Jianming Guo, David Rincón, Sebastià Sallent, Lei Yang, Xiaoqian Chen, and Xianqi Chen. A '270 Full Text Views' badge is visible. On the right side, there is a promotional banner for 'Need Full-Text access to IEEE Xplore for your organization?' with a 'CONTACT IEEE TO SUBSCRIBE' button. Below this, a 'More Like This' section lists related articles, including 'Cross-layer design and ant-colony optimization based routing algorithm for low earth orbit satellite networks' and 'Characterising error sequences of the low Earth orbit satellite channel and optimisation with hybrid-ARQ schemes'. A 'Feedback' button is located at the bottom right of the page.

Work hard, play harder

- Castelldefesta
 - The Campus Festival <https://www.youtube.com/watch?v=mH0nj585feQ>
 - Spring 2023
- Culture
 - Language courses (Catalan, Spanish)
 - <https://www.upc.edu/slt/en/>
 - SALSA'M – Buddy programme
 - https://www.upc.edu/slt/en/reception/salsam/salsam-the-upcs-buddy-programme?set_language=en
 - Campus Choir
 - <https://cbl.upc.edu/ca/el-campus/viure-el-campus/la-coral/>
 - Catalan Traditions and Folklore
 - Main festivities
 - Mercè (Barcelona), September 24th
 - Santa Eulàlia (Barcelona), February 12th
 - Sant Jordi, April 23rd
 - Sant Joan, June 24th
 - *Castells* <https://www.facebook.com/GRILLATSCBL/>





Language courses

Language services and resources at the UPC



You are here: Home ▶ Learn English and other languages ▶ Language courses

- The Language and Terminology Service
- UPC language policy
- Cultural and language reception
- Learn Catalan
- Learn Spanish
- Learn English and other languages ▶
- Language courses ▶
- Unite!
- Certify your language level
- Effective communication

Enrol!



Learn languages at university language schools

- Make the most of the UPC's agreements with Catalan universities and take courses and exams at their language schools at special rates for UPC members
- face-to-face and online courses
- year-long and intensive courses
- certification exams
- PARLA3 grants for courses and exams
- official university language certificates
- ECTS credits

<https://www.upc.edu/slt/en/learn-english/courses>



UPCArts program



UPCArts

UPC ▶ UPCArts



Sports

- UPC Sports Service <http://www.upc.edu/esports>
<http://translate.google.es/translate?hl=en&sl=ca&tl=en&u=https%3A%2F%2Fwww.upc.edu%2Fesports>
- Gym at the Castelldefels Olympic Canal





UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Escola d'Enginyeria de Telecomunicació
i Aeroespacial de Castelldefels

Gym

Campus





The screenshot shows a web browser window displaying the website www.barcelona.cat. The page features a large background image of a street festival with people in traditional costumes. A white card is overlaid on the page, advertising the 'FESTES DE SANTA EULÀLIA Festivities'. The card includes a blue square with a green horse head illustration, the event title, a description of the festivities, and a 'WEBSITE' button. The browser's address bar shows the URL meet.barcelona.cat/en/. The website header includes the logo, a search bar, and a language selector set to 'English'. At the bottom of the page, there are four orange navigation buttons: 'DISCOVER BCN', 'VISIT BCN', 'STUDY AND RESEARCH IN BCN', and 'DOING BUSINESS IN BCN'.

Meet Barcelona

A space for everyone keen to discover Barcelona



Santa Eulàlia Festivities

The festivities dedicated to Santa Eulàlia, the city's co-patron saint, take place from 11 to 14 February, offering a programme to suit everyone.

WEBSITE

DISCOVER BCN

VISIT BCN

STUDY AND RESEARCH IN BCN

DOING BUSINESS IN BCN

Interesting links

- UPC Welcome guide

https://www.upc.edu/en/the-upc/institutional-publications/guiaacollida_upc_eng.pdf

- UPC Libraries guide for new students

<https://biblioteca.upc.edu/en/nou-upc>

- UPC central Mobility Office guide for new students

<https://www.upc.edu/sri/en/students/students-mobility-office/incomings>



QUESTIONS ?

