



## Academic record

**School:** Barcelona School of Telecommunications Engineering

**Studies:** BACHELOR'S DEGREE IN TELECOMMUNICATIONS TECHNOLOGIES AND SERVICES

**ENGINEERING Plan year:** 2015

**Name and surname:** ALEJANDRO AMAT PAYÁ **Doc. number:** 23898757D (DNI/NIF)

**Birth date:** 14/02/2001 **Birth place:** BARCELONA **Nationality:** Spanish

**Academic record status:** Double degree management **Last modified:** 11/07/2023

### CURRICULAR AREAS

**FASE INICIAL** **Passed credits:** 60,00 **Mark:** 8,5 Very good 2019-2

Subject	Credits	Type	Mark	Call
CALCULUS	6,00	Compulsory	9,00 E	1 2019-1
FUNDAMENTALS OF COMPUTERS	6,00	Compulsory	7,20 N	1 2019-1
FUNDAMENTALS OF ELECTRONICS	7,00	Compulsory	9,80 MH	1 2019-1
FUNDAMENTALS OF PHYSICS	5,00	Compulsory	8,40 N	1 2019-1
LINEAR ALGEBRA	6,00	Compulsory	7,90 N	1 2019-1
INTRODUCTION TO NETWORKS	6,00	Compulsory	8,00 N	1 2019-2
LINEAR CIRCUITS AND SYSTEMS	6,00	Compulsory	7,20 N	1 2019-2
MATHEMATICS FOR TELECOMMUNICATIONS	6,00	Compulsory	8,00 N	1 2019-2
OBJECT ORIENTED PROGRAMMING	6,00	Compulsory	9,50 E	1 2019-2
VECTOR CALCULUS	6,00	Compulsory	9,30 MH	1 2019-2

**FASE MENCIO** **Passed credits:** 158,00

Subject	Credits	Type	Mark	Call
LEARNING WITH PYTHON	2,00	Optional	9,00 E	1 2019-2
DIGITAL DESIGN	6,00	Compulsory	7,00 N (R)	1 2020-1
ELECTROMAGNETISM	6,00	Compulsory	7,40 N (AS)	1 2020-1
INTRODUCTION TO ICT ENGINEERING	6,00	Compulsory	7,00 N (AS)	1 2020-1
PROBABILITY AND STATISTICS	6,00	Compulsory	7,80 N (R)	1 2020-1
SIGNALS AND SYSTEMS	6,00	Compulsory	7,60 N (AS)	1 2020-1
ELECTROMAGNETICS WAVES	6,00	Compulsory	7,90 N (AS)	1 2020-2
INTRODUCTION TO COMMUNICATIONS	6,00	Compulsory	6,20 A (AS)	1 2020-2
NETWORK APPLICATIONS AND SERVICES	6,00	Compulsory	6,00 A (AS)	1 2020-2
ELECTRONIC FUNCTIONS AND SYSTEMS	6,00	Compulsory	9,00 MH (AS)	1 2021-1
INTRODUCTION TO AUDIOVISUAL PROCESSING	6,00	Compulsory	7,60 N (AS)	1 2021-1
ECONOMICS AND MANAGEMENT	6,00	Compulsory	7,00 N (R)	1 2020-2
BASIC ENGINEERING PROJECT	6,00	Compulsory	8,40 N (AS)	1 2021-1
RADIATION AND PROPAGATION	6,00	Compulsory	5,70 A (AS)	1 2021-1
DATA TRANSMISSION	6,00	Compulsory	9,90 MH (AS)	1 2021-2
SIGNAL PROCESSING FOR COMMUNICATIONS AND AUDIOVISUAL SYSTEMS	6,00	Compulsory	5,00 A (AS)	1 2021-2



Subject	Credits	Type	Mark	Call
SYSTEMS BASED ON MICROPROCESSORS DESIGN	6,00	Compulsory	7,30 N (R)	1 2021-2
ACOUSTICS AND ELECTROACOUSTICS	6,00	Optional	8,30 N (AS)	1 2021-2
AUDIO AND SPEECH PROCESSING	6,00	Optional	9,50 MH (AS)	1 2022-1
IMAGE AND VIDEO PROCESSING	6,00	Optional	8,40 N (AS)	1 2022-1
MULTIMEDIA COMMUNICATIONS	6,00	Optional	8,30 N (AS)	1 2022-1
AUDIOVISUAL TECHNOLOGY AND PRODUCTION	6,00	Optional	8,30 N (AS)	1 2022-1
ADVANCED PROJECT IN AUDIOVISUAL SYSTEMS ENGINEERING	12,00	Optional	9,80 MH (AS)	1 2022-2
AUDIOVISUAL CODING	6,00	Optional	9,00 E (AS)	1 2022-2
INTERACTION AND INTERFACE DESIGN	6,00	Optional	8,20 N (AS)	1 2021-2
PROGRAMMING PROJECTS	6,00	Optional	7,50 N (AS)	1 2022-1

## GENERIC COMPETENCIES

Competency	Subj.	Examination session
05 TEQ N1	FUNDAMENTALS OF COMPUTERS	2019-1 A
06 URI N1	OBJECT ORIENTED PROGRAMMING	2019-2 A
07 AAT N1	LINEAR ALGEBRA	2019-1 A
	LINEAR CIRCUITS AND SYSTEMS	2019-2 A
	MATHEMATICS FOR TELECOMMUNICATIONS	2019-2 A
10 ECI N1	FUNDAMENTALS OF ELECTRONICS	2019-1 A
12 CPE N1	CALCULUS	2019-1 A
	VECTOR CALCULUS	2019-2 A
	FUNDAMENTALS OF PHYSICS	2019-1 A
	INTRODUCTION TO NETWORKS	2019-2 A

## CREDIT BREAKDOWN

Total ECTS credits passed: 218,00

Average mark (subjects passed only): 8,02

Average mark (all marks): 8,02

Average mark (all subjects): 8,02

	Total	Core	Compulsory	Optional	Thesis
Of the degree	240,00	60,00	96,00	66,00	18,00
Passed	218,00	60,00	96,00	62,00	0,00
Pending	22,00	0,00	0,00	4,00	18,00

## MENTION : MAJOR IN AUDIOVISUALS SYSTEMS

End date: 26/06/2023

Subjects compulsory Passed credits: 48,00

Subj.	Credits	Final mark	Call
ACOUSTICS AND ELECTROACOUSTICS	6,00	8,30 N (AS)	1 2021-2
MULTIMEDIA COMMUNICATIONS	6,00	8,30 N (AS)	1 2022-1
AUDIO AND SPEECH PROCESSING	6,00	9,50 MH (AS)	1 2022-1



Subj.	Credits	Final mark	Call
IMAGE AND VIDEO PROCESSING	6,00	8,40 N (AS)	1 2022-1
AUDIOVISUAL TECHNOLOGY AND PRODUCTION	6,00	8,30 N (AS)	1 2022-1
AUDIOVISUAL CODING	6,00	9,00 E (AS)	1 2022-2
ADVANCED PROJECT IN AUDIOVISUAL SYSTEMS ENGINEERING	12,00	9,80 MH (AS)	1 2022-2

### THIRD LANGUAGE

Attainment of the foreign language competency: has taken 9 or more credits in a foreign language at UPC

### INCIDENTS

Academic year	Date	Description
2019-1	15/07/2019	Academic record - Change to full-time
2019-2	10/06/2020	Enrolment - Authorization to modify after term
2019-2	17/06/2020	Minimum academic requirements - COVID - Period extension

**Legend:** MH-Honors, E-Excellent, N-Very good, A-Satisfactory, S-Fail, NP-Absent, R-Recognised, AS-Assimilation