

Semester 1

Unit teaching	Materials	Credits	Coefficient	Hourly volume weekly			Volume Hourly Biannual (15 weeks)	Work Complementary in consultation (15 weeks)	Assessment method	
	Titled			Tutorial course	TP	Control Continuous			Exam	
Fundamental EU Code: UEF 1.1.1 Credits: 10 Coefficients: 5	Physics of semiconductor components 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Thin layers	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 1.1.2 Credits: 8 Coefficients: 4	Processes for developing semiconductor devices	4	2	1h30	1h30		45h00	55h00	40%	60%
	Simulation tools	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 1.1 Credits: 9 Coefficients: 5	Practical work Physics of semiconductor components 1	2	1			1h30	10:30 p.m.	27:30	100%	
	Practical work Simulation tools	2	1			1h30	10:30 p.m.	27:30	100%	
	TP optical properties of SCs	2	1			1h30	10:30 p.m.	27:30	100%	
	Programming Language	3	2	1h30		1 hour	37h30	37h30	40%	60%
EU Discovery Code: UED 1.1 Credits: 2 Coefficients: 2	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 1.1 Credits: 1 Coefficients: 1	Technical English and Terminology 1		1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 1		30	17	1:30 p.m.	6:00 a.m.	5:30 a.m.	375 hours	375 hours		

Semester 2

Teaching unit	Materials	Credits	Coefficient	Weekly hourly volume			Volume Hourly Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Tutorial	Course	TP			Control Continuous	Exam
Fundamental EU Code: UEF 1.2.1 Credits: 10 Coefficients: 5	Physics of semiconductor components 2	6	3	3:00 a.m. to 1:30 a.m.			67h30	82h30	40%	60%
	Design of bipolar analog integrated circuits	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 1.2.2 Credits: 8 Coefficients: 4	Semiconductor Device Characterization Techniques	4	2	1h30	1h30		45h00	55h00	40%	60%
	Photovoltaic devices	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 1.2 Credits: 9 Coefficients: 5	Practical work on Physics of SC 2 components	2	1			1h30	10:30 p.m.	27:30	100%	
	Practical work Design of bipolar analog integrated circuits	2	1			1h30	10:30 p.m.	27:30	100%	
	TP Characterization of SC/ TP Photovoltaic devices	2	1			1h30	10:30 p.m.	27:30	100%	
	Design of MOS analog integrated circuits	3	2	1h30		1 hour	37h30	37h30	40%	60%
EU Discovery Code: UED 1.2 Credits: 2 Coefficients: 2	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 1.2 Credits: 1 Coefficients: 1	Compliance with standards and rules of ethics and integrity	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 2		30	17	1:30 p.m. 6:00 a.m. 5:30 a.m.			375 hours	375 hours		

Semester 3

Teaching unit	Materials	Credits	Coefficient	Weekly hourly volume			Volume Hourly Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 2.1.1 Credits: 10 Coefficients: 5	Photovoltaic Techniques and Systems	6	3	3:00 a.m. to 1:30 a.m.			67h30	82h30	40%	60%
	Design of CMOS digital integrated circuits	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 2.1.2 Credits: 8 Coefficients: 4	Optoelectronics and Associated Electronic Circuits	4	2	1h30	1h30		45h00	55h00	40%	60%
	Physics of semiconductor components 3	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 2.1 Credits: 9 Coefficients: 5	Technical and Photovoltaic Systems TP	2	1			1h30	10:30 p.m.	27:30	100%	
	Practical work Design of CMOS digital integrated circuits	2	1			1h30	10:30 p.m.	27:30	100%	
	Optoelectronics TP	2	1			1h30	10:30 p.m.	27:30	100%	
	Simulation of SC components	3	2	1h30		1 hour	37h30	37h30	40%	60%
EU Discovery Code: UED 2.1 Credits: 2 Coefficients: 2	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Subject of your choice	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 2.1 Credits: 1 Coefficients: 1	Documentary research and dissertation design	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 3		30	17	1:30 p.m. 6:00 a.m. 5:30 a.m.			375 hours	375 hours		