

**LIST OF THE PHD COURSES AND TRAINING ACTIVITIES ORGANIZED BY
THE ICAI SCHOOL OF ENGINEERING FOR THE COURSE 2020-2021**

PHD Course	Credits	Schedule	Classroom
Preliminary Research Project Professor Andrés Ramos Galán	12 ECTS	Annual: October – May. Scheduled by the professor	ICAI A-407
Publishing Research Results Professors Aurelio García and Andrew Walsh	3 ECTS	1. Semester: October-December. Wednesdays at 4pm.	ICAI A-201
Optimization Techniques Professors Sonja Wogrin and Diego Alejandro Tejada Arango	3 ECTS	2. Semester: February - May	To be determined

Training Activity	Type	Semester	Hours	Schedule	Classroom
Advanced Matlab for applied research Prof. Eugenio Fco. Sánchez Úbeda	Research seminar	1.	10	27.10, 29.10, 3.11, 5.11 y 10.11. From 16:00 – 18:00h.	ICAI A-407
Advanced VBA-Excel for applied research Prof. Alberto Campos Fernández, Prof. Salvador Doménech Martínez and Prof. Jesús María Latorre Canteli.	Research seminar	1.	10	30.10., 6.11, 13.11, 16.11., 23.11 From 12:30 – 14:30h.	ICAI A-407
Data Management Prof. Jesús María Latorre Canteli and Prof. Eugenio Fco. Sánchez Úbeda.	Research seminar	1.	10	17.11., 18.11. From 12:30h-14:30h and 24.11, 26.11, 1.12. from 16:00 – 18:00h.	ICAI A-407 A-307 (Solo 18.11.)
Doctoral Research in Comillas	Methodology Seminar	1.	20	Organized by the EID.	Online (MOODLE)
Doctoral Research in Comillas – Engineering part: Prof. Pablo García, Prof. Fernando Toral and Prof. Julián Barquín Gil	Methodology Seminar	1.	6	Wednesdays 25.11, 2.12 y 9.12 at 16h.	ICAI A-407
Bibliographic management workshop	Transversal	1.	15	Organized by the EID.	Online (MOODLE)

Training Activity	Type	Semester	Hours	Schedule	Classroom
Advanced Excel for research Prof. Jesús María Latorre Canteli and Prof. Javier García González	Research seminar	2.	10	1, 3, 8, 10 and 12 of March, from 15:00h to 17:00h.	A 307
Reinforcement learning Prof. Alvaro López López	Transversal	2.	10	6.5., 13.5., 27.5., 3.6. y 10.6. Thursdays 12:30 - 14:30h.	A 407
Advanced GAMS for applied research Prof. Andrés Ramos Galán	Research seminar	2	10	From 17 to 21 of May 2021. 12:00 to 14:00 h.	A 407
Introduction to Python Prof. Andrés Ramos Galán, Prof. Jaime Boal Martín-Larrauri and D. David Domínguez Barbero	Transversal	2.	10	From 7 to 11 of June 2021. 16:30 to 18:30h.	A 407
Data analysis Prof. Eugenio Fco. Sánchez Úbeda	Research seminar	2.	10	From 14 to 18 June, from 11:00 – 13:00h	A 407
Forecasting techniques Prof. Antonio Muñoz and Prof. José Portela	Research seminar	2.	10	21 to 25 of June 2021.	To be confirmed