AUDIO PROCESSING, VIDEO PROCESSING AND COMPUTER VISION
4º BACHELOR IN DATA SCIENCE AND ENGINEERING
COURSE 2022/23

WEEK	SESSION	DATE	HOUR	GROUP	BLOCK	TOPIC	ROOM	TYPE	TEACHER
1	1	5-Sep	11:00-13:00	G96	VISUAL	T1: Introduction to digital images and video	7.2J03	LECTURE	FDM
1	2	8-Sep	9:00-11:00	M96	VISUAL	T2: Image Processing Fundamentals (I)	7.2J03	LECTURE	FDM
2	3	12-Sep	11:00-13:00	G96	VISUAL	T2: Image Processing Fundamentals (II)	7.2J03	LECTURE	FDM
2	4	15-Sep	9:00-11:00	M96	VISUAL	Lab 1: Introduction to Image Processing using Python	4.0B01A	LAB.	FDM
3	5	19-Sep	11:00-13:00	G96	VISUAL	T3: Image Representation: Low-level descriptors (I)	7.2J03	LECTURE	FDM
3	6	22-Sep	9:00-11:00	M96	VISUAL	T3: Image Representation: Low-level descriptors (II)	7.2J03	LECTURE	FDM
4	7	26-Sep	11:00-13:00	G96	VISUAL	Lab 2: Image Matching based on local features	4.0B01A	LAB.	FDM
4	8	29-Sep	9:00-11:00	M96	VISUAL	Lab 2: Image Matching based on local features	4.0B01A	LAB.	FDM
5	9	3-Oct	11:00-13:00	G96	VISUAL	T4: Image Segmentation	7.2J03	LECTURE	FDM
5	10	5-Oct	9:00-11:00	G96	VISUAL	Lab 3: Image Segmentation	4.0B01A	LAB.	FDM
5	11	06-oct	13:00-15:00	M96	VISUAL	Lab 3: Image Segmentation	4.0B01A	LAB.	FDM
6	12	10-Oct	11:00-13:00	G96	VISUAL	T5: CNNs for image classification: fundamentals	7.2J03	LECTURE	IGD
6	13	13-Oct	9:00-11:00	M96	VISUAL	T5: CNNs for image classification: training a CNN	7.2J03	LECTURE	IGD
7	14	17-Oct	11:00-13:00	G96	VISUAL	Lab 4: Image Classification with CNNs	4.0B01A	LAB.	IGD
7	15	20-Oct	9:00-11:00	M96	VISUAL	T5: CNNs for image classification: arquitectures	7.2J03	LECTURE	IGD
8	16	24-Oct	11:00-13:00	G96	VISUAL	Lab 4: Image Classification with CNNs	4.0B01A	LAB.	IGD
8	17	27-Oct	9:00-11:00	M96	VISUAL	T6: Other applications of CNN in images (I)	7.2J03	LECTURE	IGD
9	---	31-Oct	----	---		Holidays	----	----	----
9	18	3-Nov	13:00-15:00	G96	VISUAL	T6: Other applications of CNN in images (II)	7.2J03	LECTURE	IGD
9	19	3-Nov	9:00-11:00	M96	VISUAL	Lab 5: Other applications of CNN in images	4.0B01A	LAB.	MMM
10	20	7-Nov	11:00-13:00	G96	VISUAL	Lab 5: Other applications of CNN in images	4.0B01A	LAB.	MMM
10	21	10-Nov	9:00-11:00	M96	AUDIO	T7: Digital Audio Signal Fundamentals: generation, preception and digitalization	7.2J03	LECTURE	FDM
11	22	14-Nov	11:00-13:00	G96	AUDIO	T8: Localized time analysis for voice and audio signals	7.2J03	LECTURE	FDM
11	23	17-Nov	9:00-11:00	M96	AUDIO	T9: Audio and Speech descriptors	7.2J03	LECTURE	FDM
12	24	21-Nov	11:00-13:00	G96	AUDIO	Lab 6: Audio Matching	4.0B01A	LAB.	MMM
12	25	24-Nov	9:00-11:00	M96	AUDIO	Lab 6: Audio Matching	4.0B01A	LAB.	MMM
13	26	28-Nov	11:00-13:00	G96	AUDIO	T10: RNNs for analysis of sequential data (I)	7.2J03	LECTURE	IGD
13	27	1-Dec	9:00-11:00	M96	AUDIO	T10: RNNs for analysis of sequential data (II)	7.2J03	LECTURE	IGD
14	28	5-Dec	11:00-13:00	G96	AUDIO	Lab 7: RNNs for Speech Command Recognition	4.0B01A	LAB.	IGD
14	29	12-Dec	11:00-13:00	M96	AUDIO	Lab 7: RNNs for Speech Command Recognition	4.0B01A	LAB.	IGD

FACULTY

IGD	Iván González Díaz
FDM	Fernando Díaz de María
MMM	Miguel Molina Moreno