

<p>Department of Electrical and Computer Engineering</p> <p>Data Science and Artificial Intelligence</p> <p>Fall Semester</p>

COURSE	HOURS	ECTS
COURSE UNIT 1: ARTIFICIAL INTELLIGENCE		
Machine Learning	20	2,5
Deep Learning	20	2,5
Selected Topics in IA	16	1,5
Machine Learning Workshops	20	2
COURSE UNIT 2: IMAGE PROCESSING AND VISION		
Basics of Image Processing	25	3
Artificial Vision	30	3
COURSE UNIT 3: APPLIED IMAGE PROCESSING		
Medical Image Processing	11	1
Advanced Medical Image Processing Methods	32	3
Biological Image Processing and Bioinformatics	21	2
Earth Observation	11	1
COURSE UNIT 4: R&D PROJECT		
Research and Development Project	50	5
COURSE UNIT 5: FRENCH LANGUAGE AND INTERCULTURALITY		
French Language	25	2
Interculturality	15	1
TOTAL	322	30