

Curriculum

Modules / Courses	Semester Credit Units ECTS-Credits			
MEDICAL IMAGING, IT & HARDWARE	1	2	3	4
App Programming	4 5			
Biostatistics & Data		4 5		
Applied Robotics	3 5			
Medical Sensors and Actuators	3 5			
Active Prosthetics		3 5		
Augmented Reality			4 5	
Medical Image Computing			4 5	
PROJECTS & CASE STUDIES	1	2	3	4
Project 1		2 5		
Project 2			4 10	
MEDICAL ENGINEERING	1	2	3	4
Personalized Medicine & Point of Care	4 5			
Active & Assisted Living	3 5			
Medical Robotics		3 5		
Implantable Medical Devices			4 5	
Clinical Trials		4 5		
Safety			4 5	
MANAGEMENT & ENTREPRENEURSHIP	1	2	3	4
Management	4 5			
Entrepreneurship		4 5		
MASTER THESIS & SCIENTIFIC WRITING	1	2	3	4
Scientific Writing & Ethics				4 5
Master Thesis				25
SEMESTER CREDIT UNITS ECTS-CREDITS	21 30	20 30	20 30	4 30