

**Master of Science**  
**"Translational Engineering in Health and Medicine"**  
Starting Date: 10/02/2025

**SCHEDULE - SPRING SEMESTER 2024-2025**

CODE	COURSES Required	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	FACULTY
1005	Biomedical imaging and image analysis				15:00-18:00 Room 003***		S. Golemati, M. Anagnostakis, P. Asvestas, K. Dalakleidi, N. Protonotarios
1006	Computational modeling and simulation for medicine	15:00-18:00 Room 003					Ch. Manopoulos, G. Stamatakos, V. Spitas, A. Raptis
1007	Artificial Intelligence in healthcare		15:00-18:00 Room 003				K. Nikita, G. Stamou, A. Voulodimos, G. Alexandridis, M. Athanasiou
Electives							
1103	BioMicroElectroMechanical Systems (BioMEMS)			18:00-21:00 Room 003			A. Markopoulos, N. Chronis
1104	Introduction to neuroscience and neural engineering		18:00-21:00 Room 003				K. Nikita, I. Delis, N. Melanitis-Paraskevas
1105	Healthcare robotics			15:00-18:00 Room 003			E. Papadopoulos, P. Maragos, C. Tzafestas
1106	Biodesign Innovation Process*				18:00-21:00 Room 003		K. Nikita, D. Koulocheris, V. Papakonstantinou, K. Mitsis
1108	European and Greek Technical Law**	The course will not be taught in the academic year 2024-2025					E. Tzannini

\* Prerequisite: Biodesign Fundamentals

\*\* A joint elective course. The grade received in this course does not count towards the grade point average of the diploma. The course is included in the diploma supplement.

\*\*\* Room 003 is located in the New Building of the School of Electrical and Computer Engineering, National Technical University of Athens (Zografou Campus).