

NATIONAL TECHNICAL UNIVERSITY OF ATHENS



**SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING
INTERNATIONAL MASTER OF SCIENCE
TRANSLATIONAL ENGINEERING IN HEALTH AND MEDICINE**

**Registration form
Academic year 2022-2023**

Surname:

Name:

Father's Name:

Address:

Phone:

e-mail:

Graduate:

Registration Number(*):

(): Filled by the secretary*

Date:

(Signature)

COURSES

Student's Name:

2nd Semester of Studies

| Course Code | Compulsory | Hours/ Week | Check |
|--|---|----------------|--------------------------|
| 1005 | Medical imaging and image analysis | 3 | <input type="checkbox"/> |
| 1006 | Computational modeling and simulation for medicine | 3 | <input type="checkbox"/> |
| 1007 | Artificial Intelligence in healthcare | 3 | <input type="checkbox"/> |
| Course Code | Elective | Hours/ Week | Check |
| 1103 | BioMEMS | 3 | <input type="checkbox"/> |
| 1104 | Introduction to neuroscience and neural engineering | 3 | <input type="checkbox"/> |
| 1105 | Healthcare robotics | 3 | <input type="checkbox"/> |
| 1106 | Biodesign Innovation Process* | 3 | <input type="checkbox"/> |
| Courses Total: 6 (3 compulsory courses + 3 electives) | | | |

* Prerequisite: Biodesign Fundamentals