

MSc in Rehabilitation and Assistive Technologies



DUAL DEGREE PROGRAMME

ratech.uom.gr

Shaping the Future of Inclusion Through Technology

About the Programme

A pioneering interdisciplinary programme jointly delivered by the University of Macedonia (Dept. of Educational and Social Policy), the Aristotle University of Thessaloniki (School of Medicine), and KTH Royal Institute of Technology, Stockholm, Sweden. Graduates earn two internationally recognised MSc degrees and develop specialised expertise in designing technologies that improve quality of life for individuals with disabilities.

Dual Award

Two MSc degrees from two prestigious universities

International

Partnership with KTH, ranked top European tech university

Research-Led

Two cutting-edge labs with state-of-the-art equipment

State-of-the-Art Technologies



- ▶ 3D Printing & Scanning (RepRap X500, Artec Leo)
- ▶ Haptic Devices (Virtuose 6D, Dexmo, PhantomOmni)
- ▶ Humanoid Robot Reachy 2 (VR Teleoperation)
- ▶ Braille & Tactile Printer (Tiger Elite 200)
- ▶ VR System (HTC Vive Pro Eye)
- ▶ Eye-Gaze & AAC Assistive Technology
- ▶ Humanoid Robots: 3× NAO, 2× Pepper
- ▶ Custom Social Robots: STIMEY, Daisy
- ▶ 2× dual-head professional 3D printers
- ▶ 2× 3D scanners for high-precision scanning for VR/AR
- ▶ Mixed Reality Headsets
- ▶ Biosensor Platform (EEG, eye tracking)

Who Should Apply

Computer Science · Mechanical Engineering · Electrical Engineering · Biomedical Engineering · Medicine & Health Sciences · Education & Special Education · Cognitive Science · Accessibility Engineering