

FH University of
Applied Sciences

TECHNIKUM

WIEN

HEALTHY AGEING

A LIFE SCIENCE ENGINEERING CHALLENGE

WINTER SCHOOL 23.11.2026 - 27.11.2026

**CHANGE
OUR
TOMORROW**

Organized by the ILSE project, funded by the City of Vienna Municipal Department 23



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Economic Affairs,
Labour and Statistics

HEALTHY AGEING

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HARD FACTS

Location: University of Applied Sciences Technikum Wien, Vienna, Austria

When: 23–27 November 2026 + 2 online kick-off meetings before that

Who: Bachelor & Master students interested in Life Science Engineering

Credits: 3 ECTS + Certificate of Participation

ABOUT THE WINTER SCHOOL

An intensive, project-based learning experience where students work in multidisciplinary and international teams to develop practical solutions for real-world challenges in the field of healthy aging. You'll engage with cutting-edge research across bioinformatics, nutrition, VR development, biomechanics, biosignal and motion analysis, and/or genetic research - bridging science and engineering innovation.

For further information and applications please visit the following Website:

www.technikum-wien.at/winter-school-2026



PROJECTS

Choose from 6 exciting projects:

1. Critical Impact of Sustainable Nutrition on Aging and Health
2. Virtual Reality for Elderly Mobility and Physical Engagement
3. Impact of Lifting Technique on Lower Back Load
4. Decoding Healthy Aging with Genetics and Transcriptomics
5. Muscle Activation and Healthy Ageing – Exploring Age Simulation with EMG
6. Activity Recognition & HRV Analysis for Preventive Health

WHAT YOU'LL GET

- Expert supervision from researchers & engineers
- State-of-the-art facilities & cutting-edge technology
- International networking & teamwork experience
- Certificate of Participation (3 ECTS)
- Hands-on project experience

HOW TO APPLY

- **Deadline:** 6th October 2026
- **Submit:** Cover letter (1 page), CV, and project preferences
- **Notification of acceptance:** By 8th October 2026

QUESTIONS?

Contact:

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