Education
Innovation
Scientific Advice
Research

Technology for people
Strategy 2022 – 2025

Three objectives

• We offer advanced and competitive engineering education — throughout life

• We develop technologies for sustainable change

• We assume leadership of the opportunities offered by digitalization
Locations

Campuses:
- Budapest
- Székesfehérvár
- Salgótarján

Innovation Parks:
- Kaposvár
- Székesfehérvár
- Zsámbék
Research
2,470 publications (48.5% Open Access)

International co-publication

14,996 citation count (2017-2022)

6,1 citations per publication (2017-2022)

33 h5-index (2017-2022)

45% of publications by ÖU researchers are co-published with researchers from abroad

Top 10 International co-publication countries

- Taiwan
- Slovakia
- Viet Nam
- Iran
- Serbia
- Hong Kong
- Romania
- China
- Germany
- United Kingdom
2022 cycle
Times Higher Education

<table>
<thead>
<tr>
<th>Category</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>Times Higher Education (THE) World Ranking (WUR)</td>
<td>1001-1200</td>
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### 2023 cycle

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Research facilities
Education

Year | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

- BEng (3 years)
- BSC/BA (3.5 years)
- MSc/MA (2 years)
- PhD (3 years)

- Programs:
  - BSC/BA: 17
  - BEng: 1
  - MSc/MA: 12
  - PhD: 3

- Specialized training: 30
11,503 students

212 BEng (Bachelor of Engineering)

8575 BSc/BA (Bachelor of Science)

919 MSc/MA (Master of Science)

813 International BSc and MSc students

193 PhD students

From 72 countries

23% woman in our BEng, BSc and MSc programmes

Education - in figures 2022
78% of BEng graduates secure a job less than two months after their final exam.

92% of MSc graduates are employed within six months.

67% of all PhD graduates have landed a job before they have completed their PhD programme.
Stimulates individual and collaborative learning
Hands-on access to world-class research facilities
Study environments which support
- learning
- innovation
- research
Lifelong learning

Continuing education

- Diploma — part-time
- Master — part-time
- Online courses
- Short courses
- Open education
Innovation and entrepreneurship

- Student innovation
- Business collaboration
- Start-ups
- Commercialization
Innovation and entrepreneurship are integrated into study programmes, mandatory courses, and electives.
Collaboration with industry
Commercialization
Installed in Etele plaza (Budapest)
Commercialization

Massventil system (massventil.org)
Global outreach

Top 10 exchange partners

TO ÓU
- Germany
- France
- Turkey
- Spain
- Portugal
- The Netherlands
- Poland
- Kazakhstan
- Brazil
- Japan

FROM ÓU
- Portugal
- The Netherlands
- Spain
- Finland
- Germany
- Italy
- Norway
- Belgium
- Turkey
- Austria

210 exchange agreements

in 2022

550 international students came to ÓU

103 ÓU students went abroad
Staff and students

**Human resources – FTEs (hereof faculty)**

- **1126**
  - 67% researchers and educators (VIP)
  - 11% PhD students
  - 22% in support functions

**Full-time students**

- **11,503**
  - 90% BSc Eng
  - 9% MSc Eng
  - 1% BEng
KAPOSVÁR SMART INDUSTRY TIP

INDUSTRY RESEARCH
- BGK
- YBL
- RKK
- KWK
- NIK

5G NETWORK VIRTUALIZATION

DIGITAL TWIN

Kaposvár Innovation Hall
- Education Center
- Tech Transfer Center
- Industry 4.0 SMART Visitor Center
- Prototyping Hall

KAPOSVÁR SMART INDUSTRY TIP

Hasilpar
- Automotive industry

Material Science
- Dyes
- Adhesive Technologies
- Polymer Composite Materials

Material Science
- Plastic, Bottles, Paper, Shredder
- Smart Architecture

Construction Industry
- Electrical Engineering
- Robotics
- Artificial Intelligence

KAPOSVÁR SMART INDUSTRY TIP

Digital Twin
ÓU SCIENCE AND TECHNOLOGY PARK INTERNATIONAL COOPERATIONS

HUNGARIAN FRAUNHOFER MODEL

SCIENCE PARKS
- International Involvement
- Market-based Education
- Innovation Ecosystem
- Technology Transfer
- Prototyping, Commercialization

INTERNATIONAL RELATIONSHIPS
- Czech Republic
- Estonia
- Singapore (A-Star)
- Stanford (USA)
- Tsinghua (China)
- Australia
- Kenya
- Israel
- Uzbekistan

SCIENCE AND TECHNOLOGY PARKS:
- Székesfehérvár – Mechatronics Science and Innovation Park
- Kaposvár – Smart Industry Science and Innovation Park
- Zsámbék – Industries of the Future Science and Innovation Park
www.uni-obuda.hu

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