Slovenia

- Crossroads of the main European cultural and trade routes.
- Peaceful, safe, politically stable and culturally diverse country.
- High standard of living, clean air, healthy lifestyle, good accommodation.
- Member of UN, EU, NATO.
Maribor

- Second biggest city in Slovenia.
- Along the river Drava, green forests of Pohorje and wine-growing hills.
- Profound history and long wine tradition – 400 years Old Vine, the oldest vine in the world.
- Economic, financial, administrative, educational, cultural, culinarian, commercial and tourist centre of the north-eastern part of Slovenia.
Faculty of Electrical Engineering and Computer Science

- We are the leading teaching and research institution in the field of Electrical Engineering and Computer Science in Slovenia.
- Students gain knowledge based on internationally recognized scientific research work.
- European qualification of study programmes, reviewed by the national and international quality assurance commission.
- Modern study environment and new facilities.
- Times world university rankings: University of Maribor is the best-rated Slovenian university for Engineering, Technology and Computer Science.
- The Times Higher Education New Europe ranking: University of Maribor is ranked on the 9th place and is the best ranked Slovenian university.
Part of University of Maribor (UM), which is second largest and second oldest Slovene university.

UM has around 1,800 employees and 15,000 students.

UM consists of 17 Faculties, University Library & Student Dormitories.

We are biggest faculty within UM

- Around 2000 students every year
- Building: 15734 m2
The Human Capital Index ranks countries on how well they are developing their human capital.

**Global Top 10**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Norway</td>
</tr>
<tr>
<td>2</td>
<td>Finland</td>
</tr>
<tr>
<td>3</td>
<td>Switzerland</td>
</tr>
<tr>
<td>4</td>
<td>United States</td>
</tr>
<tr>
<td>5</td>
<td>Denmark</td>
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<tr>
<td>6</td>
<td>Germany</td>
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<tr>
<td>7</td>
<td>New Zealand</td>
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<tr>
<td>8</td>
<td>Sweden</td>
</tr>
<tr>
<td>9</td>
<td>Slovenia</td>
</tr>
<tr>
<td>10</td>
<td>Austria</td>
</tr>
</tbody>
</table>

Scoring highly on the quality of its education system!

Source: Global Human Capital Report 2017, World Economic Forum
Where will tomorrow's science professionals come from?
Distribution of new entrants to tertiary education, by STEM field of study
OECD and partner countries, 2015 or latest available year

Partner countries and accession candidates are indicated in italics.
Source: Education at a Glance 2017: OECD Indicators, Fig. C3.1.
Study year 2018/2019

- 1957 students
- 619 freshmen's
- 150 teaching staff and assistants
- 64 researchers and junior researchers
- 48 technical staff
- 32 administrative staff
Undergraduate study programmes

The academic-degree study programmes

- Electrical Engineering
- Computer Science and Information Technologies
- Informatics and Technologies of Communication
- Telecommunications
- Media communications
- Mechatronics (in collaboration with the Faculty of Mechanical Engineering)
Undergraduate study programmes

The professional higher education programmes

- Electrical Engineering
- Computer Science and Information Technologies
- Informatics and Technologies of Communication
- Mechatronics (in collaboration with the Faculty of Mechanical Engineering)
Master’s study programmes

- Electrical Engineering
  - Automation and Robotics
  - Electronics
  - Power Engineering

- Computer Science and Information Technologies

- Informatics and Technologies of Communication

- Telecommunication

- Media Communications

- Mechatronics (in collaboration with the Faculty of Mechanical Engineering)
Doctoral study programmes

- Electrical Engineering
- Computer Science and Informatics
- Media Communications
We offer following Study Programmes also in English:

- **Undergraduate Study Programmes:**
  - Electrical Engineering (14 places)
  - Computer Science and Information Technologies (30 places)

- **Master's Study Programmes:**
  - Computer Science and Information Technologies (30 places)
  - Informatics and Technologies of Communication (30 places)

- **Doctoral Study Programmes:**
  - Electrical Engineering (10 places)
  - Computer Science and Informatics (10 places)
  - Media Communications (3 places)
<table>
<thead>
<tr>
<th>Undergraduate Study Programmes</th>
<th>Master’s Study Programmes</th>
<th>Doctoral Study Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration:</strong></td>
<td><strong>Duration:</strong></td>
<td><strong>Duration:</strong></td>
</tr>
<tr>
<td>3 years (6 semesters) +</td>
<td>2 years (4 semesters) +</td>
<td>3 years (6 semesters)</td>
</tr>
<tr>
<td>1 year of graduate period</td>
<td>1 year of graduate period</td>
<td></td>
</tr>
<tr>
<td><strong>Number of credits:</strong></td>
<td><strong>Number of credits:</strong></td>
<td><strong>Number of credits:</strong></td>
</tr>
<tr>
<td>180 ECTS</td>
<td>120 ECTS</td>
<td>180 ECTS</td>
</tr>
</tbody>
</table>
Structure of programmes

Undergraduate programmes
• 20 % of subjects from natural sciences and mathematics fields
• 20 % basic subjects
• 60 % professional subjects
• Practical education / project work
• Diploma thesis
• The title is European recognized and comparable – FEANI

Master’s programmes
• 15 % basic subjects
• 85 % professional subjects
• Master thesis (one semester)
• The title is European recognized and comparable – FEANI (EUR ING TITLE)
Internationalization

Number of regularly enrolled international students
Number of incoming Erasmus students
Employment and (practical) experiences

• Practical work in companies during studying.
• Events and excursions in relation to businesses.
• Close contacts with employers in Slovenia and Austria.
• Demand for our students already during their studies.
  • More than 20 posts a month on our website
  • Many are already employed during studies at Masters or Doctoral
• „Higher demand than supply.“
• Alumni club FERI
EXTRACURRICULAR ACTIVITIES

- Student council
  - Discussing student related issues and organizing various events for students.

- Tutoring system
  - Helping students especially first year students.

- Mixed choir
  - Consists of employees and students.

- Photography club
  - Exhibitions at the faculty.

- Hiking section
  - Employees spend time together out of office.

- Board games club

... and many more events and activities ...
SUCCESS OF OUR STUDENTS – YEAR 2018

- University of Maribor Awards
  - Rector's award for students' academic achievements at the University of Maribor in his/hers enrollment generation
- Creative contest "Express yourself"
  - Award for best Photography
  - Award for best Literary work
- University Programming Marathon
  - 1st and 2nd place at University of Maribor
- University Sports League
  - 1st place for Football team FERI
  - 2nd place for Basketball team FERI
- Energy award of the Finance magazine
  - Best promotional project

- Days of Slovenian Informatics 2017
  - 1st place in Competition for best student project
- 27th international expert meeting Power Engineering - energy supply
  - Student Competition - 1st place
  - Student Competition - 2nd place
  - Student Competition - 3rd place
- Student competition in Mathematics
  - One silver award
  - Four bronze awards
- ERK 2018
  - 3rd place, Competition of students articles IEEE
Being a Student in Slovenia

- Subsidized students meals – Students’ coupons
- Student dormitories and other utilities
- Student work
- The University library
- Public transport
- Discounts and benefits: Cinema, Theatre, Gym/Fitness, Wellness/Spa etc.
Research work is conducted within 26 laboratories, which are organized into 8 institutes:

- Institute of Automation
- Institute of Computer Science
- Institute of Electrical Power Engineering
- Institute of Electronics and Telecommunications
- Institute of Informatics
- Institute of Mathematics and Physics
- Institute of Media Communications
- Institute of Robotics
One of the largest research organizations in north-eastern Slovenia.

14 research groups registered with Slovenian Research Agency.

The faculty was and is aware of the importance of integrating education, research and industry.

Successful research work of our employees is the key to good pedagogical work.

The inclusion of students in development and research projects ensure that our graduates successfully face the challenges of the future in their professional career.
International projects

- Involved in projects in the areas defined by the Smart Specialization Strategy. (*Horizon 2020, ESA, NATO SPS, COST, INTERREG, ERASMUS +, Leonardo da Vinci, Tempus LLP itd.*)

- We are particularly proud of the projects that we carry out with the industry = the best way to prove our connection with the economy.

- Over the past five years, we have successfully carried out over 200 European and domestic projects.
Difficult to highlight all the technologies and areas where our scientists show excellence.

- At the moment recognized as niche: *Big Data processing, and programming, IoT / IoE, telecommunications and space technology, blockchain technology, automation, telematics & sensors, etc.*
- We use these technologies in various fields, such as: *Earth and Space Observation, Mobility, Renewable Energy, Robotics and Mechatronics, Information Security, Smart Health, Smart Farming, Creative Industries, etc.*

We are also proud that our prof. dr. Marjan Mernik is listed on the list of highly-quoted researchers Clarivate Analytics for 2017 and 2018.
Thank you for your attention!