University of Belgrade
Technical Faculty in Bor

Engineering Management Department
University of Belgrade

Facts:

- University of Belgrade is the oldest state university in Serbia, founded in 1808
- 31 faculties, 8 institutes, 1 university library.
- Teaching and research stuff consists of approx. 7,300
- Approx. 90,000 active students and alumni:
  - 346,000 students with a Bachelor's degree
  - 22,700 students with a Master’s degree
  - 13,200 students with a Doctoral degree
Technical Faculty in Bor

Facts:

- Founded in 1961
- Study programs:
  - Mining Engineering
  - Metallurgical Engineering
  - Technological Engineering
  - Engineering Management

- Approx. 700 active students and alumni:
  - 3022 students with a Bachelor's degree
  - 236 students with a Master’s degree
  - 127 students with a Doctoral degree
Facts:

- Founded in 2002
- Teaching stuff:
  - 23 professors and 4 teaching assistants
- Approx. 290 active students and alumni:
  - 905 students with a Bachelor's degree
  - 175 students with a Master’s degree
  - 19 students with a Doctoral degree
Mission and Vision

- To provide an adequate response to the educational needs of future generations
- To develop the Department, while nurturing the most prospective, the most attractive, the most modern and highest quality studies in the region of Southeast Europe
- To provide the highest quality consulting and planning services in Southeastern Europe
Research Fields

- Material flow balancing
- Environmental management
- Quantitative data analysis
- Numerical modeling and statistical modeling
- Modeling of industrial processes and use of simulation techniques
- Market research

- Data mining
- Programming
- Algorithm development
- Information systems
- E-commerce
- Multi-criteria models for ranking and selection of optimal solutions
- Services Marketing
Research results

- Increasing trend in published and cited papers in leading international scientific journals
- During the period 2003-2020 approx. 440 papers were published and cited over 1765 times in peer reviewed journals.

![Graph showing research results](graph.png)
Technical Equipment and Library

- Three computer laboratories of entire area of 170 m² with 42 computers

- A mobile computer laboratory with 10 laptop computers uplinked with wireless network system

- Approx. 500 books in the field of management theory and practice
Engineering Management study programs

Doctoral academic studies (180 ECTS)
- Research for Doctoral Thesis (85 ECTS)
- Industrial Engineering (75 ECTS)

Master academic studies (60 ECTS)
- Informatics (8 ECTS)
- Industrial Engineering (46 ECTS)

Bachelor academic studies (240 ECTS)
- Business Economy (38 ECTS)
- Mathematics & Statistics (17 ECTS)
- Professional Practice (2 ECTS)

Higher education entrance qualification

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Engineering Management Department
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# Engineering Management – Undergraduate academic studies

**Undergraduate academic studies**

(240 ECTS)

<table>
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<th>Semester</th>
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<td><strong>Module: Business Management 60 (ECTS):</strong></td>
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Master academic studies
(60 ECTS)

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Module 60 (ECTS): Engineering Management

Compulsory courses (4 courses):
- Lecture classes: 6
- Practical classes: 19

Optional courses (3 optional modules each with two optional courses):
- Lecture classes: 6
- Practical classes: 9
### Engineering Management – Doctoral academic studies

**Doctoral academic studies**

(180 ECTS)

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<td>Optional courses (5 optional modules each with two optional courses):</td>
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<td>• Student research work classes: <strong>20</strong></td>
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<tr>
<td>• Student research work classes: <strong>30</strong></td>
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Publishing activities

- Since 2006 Engineering Management Department has been publishing Serbian Journal of Management biannually ([http://www.sjm06.com/](http://www.sjm06.com/))

- This journal is an international medium for the publication of scientific papers covering the theory and practice of Management

- 287 papers have been published, reviewed by internationally recognized academic researchers.
Publishing activities

- Since 2015 Engineering Management Department has been publishing Engineering Management biannually (http://menadzment.tfbor.bg.ac.rs/english/student-journal/)

- This journal is an international student journal for theory and practice of management science
Conferences

**International May Conference on Strategic Management**
- Organized since 2005
- Number of participants and papers has been continually increasing

**International Symposium on Environmental Management and Material Flow Management**
- Organized since 2011, in cooperation with University of Trier (Germany) and University of Zenica (Bosnia and Herzegovina)
International cooperation
International cooperation

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International projects

- Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility, between University of Eastern Finland, Joensuu, Finland and University in Belgrade, Technical Faculty in Bor (2016/2017).

- Environmental awareness as a universal European Value (2016). Beneficiary organization - International Visegrad Fund (http://mksm.sjm06.com/round-table-2016-visegrad-fund-project/)

- Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility, between Obuda University, Budapest, Hungary and University in Belgrade, Technical Faculty in Bor (2015/2016).

- Possibilities for development of business cluster network between SMEs from Visegrad countries and Serbia (2014). Beneficiary organization - International Visegrad Fund. Participants: Czech Republic, Slovakia, Poland, Hungary and Serbia (http://mksm.sjm06.com/visegrad-fund-project/).
International projects


- PHARE-CBC ROMANIA-SERBIA 2006/ RO 2006/018-448.01.02.15 – The virtual space of knowledge - the way of integration, 2008-2009 (Beneficiary organization/department: University Eftimie Murgu, Resita, Romania – Technical faculty in Bor)

Membership in international networks

Academic Entrepreneurship and Innovation Network of South Eastern European Universities (RESITA NETWORK)

- Founded in 2008 and financially supported by DAAD
- Network of 16 European universities and institutes
- Supports exchange and professional development of teaching stuff and students from partner universities, by organizing seminars, workshops, summer academies, summer schools, internships etc.

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