Ștefan cel Mare University of Suceava

1963 - 2023
Ştefan cel Mare University of Suceava

60 years of Higher Education in Suceava

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Electrical Engineering and Computer Science Suceava
Ștefan cel Mare University of Suceava has been awarded the HIGH DEGREE OF TRUST by the ARACIS Council, which confirms: The certainty of the right choice!
MODERN TEACHING AREA

20 blocks of buildings with a total area of 57,000 sqm, of which 49,000 sqm are used for education.
Faculty of Electrical Engineering and Computer Science

is affiliated to

European Federation of National Engineering Associations (FEANI)
BSc programmes

- Computer Science
- Telecommunications networks and software/ Applied electronics
- Electrical systems
- Power engineering and information technologies/ Energy management
- Automation and applied informatics
- Control and command equipment and systems for motor vehicles
- Medical equipment and systems

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BSc programmes

- Computer Science
- Telecommunications networks and software/ Applied electronics
- Electrical systems
- Power electronics and energy
- Automation and applied informatics
- Control and command equipment and systems for motor vehicles
- Medical equipment and systems

And learn about:

- Communication protocols
- Intelligent systems
- Architectures and parallel processing
- Database design
- Real-time computing systems
- Cryptography and information security

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BSc programmes

- Computer Science
- Telecommunications networks and software/ Applied electronics
- Electrical systems
- Power engineering and information technologies
- Automation and applied informatics
- Control and command equipment and systems
- Medical equipment and systems
- Nanotechnologies in electronics
- VLSI design techniques
- Software engineering for communications
- Data communications security
- Electromagnetic compatibility
- Mobile communication networks

And learn about:

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BSc programmes

- Computer Science
- Telecommunications networks and software/ Applied electronics
- Electrical systems
- Power engineering and Information technologies
- Automation
- Control and command systems for motor vehicles
- Medical equipment and systems
- Transducers and data acquisition
- Electrical installations
- Numerical controls in electrical systems
- Advanced manufacturing systems
- Power quality
- Electric drive

And learn about:

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BSc programmes

- Computer Science
- Telecommunications networks and software/ Applied electronics
- Electrical systems
- Power engineering and information technologies/ Energy management

And learn about:
- Production, transmission, distribution and use of electricity and heat
- Energy market
- SCADA systems in energy process management
- EEA automation and protection
- Renewable energy sources
BSc programmes

- Peripheral circuits and process interfaces
- Reliability and diagnostics
- Real-time systems
- Driving manufacturing systems
- Neural Networks and Fuzzy Logic
- Building automation

Automation and applied informatics
- Control and command equipment and systems for motor vehicles
- Medical equipment and systems

And learn about:

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BSc programmes

- Computer Science
- Telecommunications networks and software
- Electrical systems
- Power and information technologies/ Energy management
- Automation and applied informatics
- Control and command equipment and systems for motor vehicles
- Medical equipment and systems

And learn about:
- Design and construction of motor vehicles
- Vehicle reliability
- Transport telemetry systems
- Command and control systems
- Vehicle information security
- Vehicle diagnostics

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BSc programmes

- Computer Science
- Telecommunications networks and software
- Electrical systems
- Power Energy and information technologies/ Energy management
- Automation and applied informatics
- Control and command equipment and systems for motor vehicles
- Medical equipment and systems

- Medical electronics
- Artificial intelligence in medicine
- Medical instrumentation
- Virtual instrumentation for medicine
- Telemedicine
- Medical imaging systems

And learn about:

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Master programmes

- Computer science and engineering
- Advanced techniques in machine and electric drives
- Communications and computer networks
- Cybersecurity
- Modern systems for energy process control

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Apply for a PhD in:

- Electrical engineering
- Electronic engineering and telecommunications
- Computers and Information Technology
Join us in the lecture theatres!

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Study hands-on in our labs!
Take advantage of the material equipment!

❖ Over 1000 computers connected to the Internet/Intranet network

❖ Industrial robots
❖ Multimedia systems
❖ Communications equipment
❖ Modern industrial and laboratory equipment
Facilities

Laboratory building:
❖ 28 teaching and research laboratories
❖ presentation and conference

Faculty headquarters:
❖ 4 auditoriums
❖ 6 laboratories
❖ 2 seminar rooms
❖ Modern conference room, communication centre and multimedia laboratory

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High Performance Computing Laboratory

Floating point computing power of 6.45 Tflops

Storage capacity of 6.936 Tbytes

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The Laboratory of Electromagnetic Compatibility

http://www.emclab.ro

Accredited by RENAR Bucharest

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Postgraduate courses

- Cyber Security Fundamentals
- Information Systems Security
- Cybersecurity Incident Management
- CISCO-CCNA Exploration/Discovery
- Academy CISCO - CCNA Security
- Academy CISCO - CCNP Academy

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University Library

6 reading rooms and a book collection of 300,000 volumes
Swimming and physiotherapy complex

2900 sqm surface area, including swimming pool, changing rooms, annexes (water treatment plant, heating and ventilation plant), physical training rooms, teaching rooms, physiotherapy rooms.
The Sports Ground

Football pitch, handball, volleyball, athletics track

2,400 m² indoor sports field with pressure balloon

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Student Hostels

7 student hostels at European standards
Rooms are equipped with private bathroom, TV, fridge, internet access

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Student Restaurant
Area of 1.600 sqm
Capacity of 250 students

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The Auditorium

❖ film screenings
❖ theatre performances
❖ music concerts

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Hunting lodge Sipoțel
(l45 km from Suceava, 1500 sqm)
5 rooms, 2 apartments, conference room, offices, kitchen, dining room with 52 seats, electric generators, photovoltaic panels.
Continuous training centre in Vatra Dornei
(110 km from Suceava)
3-star hotel: 20 rooms with 2 beds each, 2 protocol suites and restaurant, conference rooms where courses can be held, if needed;
SPA: two saunas, fitness room and massage.
University Campus 2

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Fabulinus Student Theatre

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Internationalization

- European Credit Transfer System (ECTS)
- Partnerships with 28 universities in 19 European countries
International Agreements

- Universite des Sciences et Technologies - Polytech’Lille, FRANȚA
- Universita degli Studi di Catania, ITALIA
- Katholieke Hogenschool Sint Lieven Gent, BELGIA
- Instituto Politecnico de Porto, PORTUGALIA
- Fachhochschule Oldenburg / Ostfriesland, GERMANIA
- University of Southern Danmark, DANEMARCA
Research Centers

- Centre for Scientific Research in Computing
- Research Centre for Electrical Machines, Equipment and Drives
- Research Centre for Process Control Systems
- Centre for Training and Advanced Training in Information and Communication Technologies
- Advanced Materials for Nanoelectronics and Optoelectronics Research Group

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Advances in Electrical and Computer Engineering is a peer-reviewed journal published by Stefan cel Mare University of Suceava and the Romanian Academy of Technical Sciences, Romania.

The journal is rated as Class A publication by the Romanian Council for Research in Higher Education (CNCSIS) and it is indexed and abstracted in Science Citation Index Expanded by ISI Thomson Reuters.
Outstanding Contributions to Romanian Research, Development and Innovation

Professor Dorel CERNOAZU
153 Patents
Invention and Technology Transfer Laboratory

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FIESEC hosts Student Competitions

- Hard & Soft
- Microsoft Imagine Cup
- ACM Programming Contest
- Interconnection Techniques in Electronics
- CSIDC
- Siemens-VDO
- EarthRover
- etc.

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FIESC hosts Student Events

- ICE-USV International Fair of Innovation and Creative Education for Youth
- ELSTUD - International session of scientific communications of FIESC students
- StudACE – Student Workshop
- CTF-USV International Student Information Security Competition
- 25H@USV - Student competition for design and development of new technologies, creativity and perseverance
Researchers Night

Suceava organized this event for the first time, on 28.09.2012, together with 300 other European cities, having as main local promoter the Ștefan cel Mare University of Suceava.