



# SCHOOL OF ENGINEERING AND MANAGEMENT

University of Nova Gorica



*Photo: Domen Nan*

Bachelor's study programme Engineering and Management

Master's study programme Engineering and Management

Master's study programme Leadership in Open Education

# AT THE INTERSECTION OF TECHNOLOGY AND ENTREPRENEURSHIP

## STUDYING AT THE SCHOOL OF ENGINEERING AND MANAGEMENT

**IF YOU ARE INTERESTED IN:** management and evaluation of investment projects | economics and company organization | production and technological processes | technological and business systems | computer-aided systems | project work | quality control | engineering services | logistics | marketing, ... **then this is the right choice for you!**

**WHAT DOES THE SCHOOL OFFER?** the opportunity to gain professional knowledge of technical, economic and organizational aspects of companies | practical orientation | learning about modern technologies and entrepreneurship | cooperation with the industry | practical placement in companies (12 weeks) | project work | international exchanges | personal approach | studying in smaller groups.



interdisciplinary and practically oriented study programmes



individual approach, small study groups



engaging in research and projects throughout your studies



international mobility and opportunities for internships abroad



various scholarships



athlete-friendly university

### BACHELOR'S STUDY PROGRAMME ENGINEERING AND MANAGEMENT

Graduates in Engineering and Management are highly sought-after experts who master the technical, economic and organizational aspects of operating a company and can deal with the challenges holistically, by applying professional knowledge and skills in the fields of technologies and entrepreneurship. The study programme covers a wide range of topics in engineering and management: technical, economic, business, digital, and organizational – and thus opens up diverse professional opportunities and career paths.

#### BASIC INFORMATION

**Admission requirements:** matura or final exam (see Call for applications) or equivalent foreign secondary education

**Duration of the programme:** 6 semesters / 3 years

**Name of the qualification:** Diploma

**Qualification title:** diplomirani gospodarski inženir / diplomirana gospodarska inženirka (Bachelor of Applied Science)

**Study location:** Vipava

#### Courses

**Admission requirements**



#### Which path to choose after graduation?

pursuing further studies (master studies) | management of technological and business systems | management of production processes | marketing of engineering services and industrial products | design, management and evaluation of investment projects | design of strategic and operational development plans | development of technological processes | management of computer-supported systems | ...

#### Career opportunities ...

project manager | maintenance manager | sales engineer | commercial manager | production manager | production planning manager | incoming quality control engineer | construction technologist | design engineer | purchasing manager | software developer | process engineer | quality assurance engineer | ...

## MASTER'S STUDY PROGRAMME ENGINEERING AND MANAGEMENT

The Master's study programme Engineering and Management builds upon the Bachelor's programme in the same field. This interdisciplinary, research-oriented programme bridges economic and organizational sciences with modern technologies, information science and environmental studies. It shapes graduates with a unique industrial engineering profile, combining expertise in cutting-edge technologies – especially information technologies – with a solid foundation in economics and strategic management.

### BASIC INFORMATION

**Admission requirements:** completed first-cycle study programme in the fields of technology, engineering and management, natural sciences, economics or organisation with minimum 180 ECTS

**Duration of the programme:** 4 semesters / 2 years

**Name of the qualification:** Diploma

**Qualification title:** magister gospodarski inženir / magistrica gospodarska inženirka (Master of Science)

**Study location:** Vipava



### Which path to choose after graduation?

pursuing further studies (PhD studies) | management and quality control in purchasing or technological processes | coordination of cooperation with key customers | leadership in interdisciplinary projects | planning, management and supervision of technical processes | analysis and development of business or technological processes | planning, implementation and monitoring of maintenance and investments | management of technical departments | ...

### Career opportunities ...

quality manager | key account manager | associate professional | technical manager | business development analyst | maintenance and investment planning manager | financial controller | self-employed specialist | ...

## MASTER'S STUDY PROGRAMME LEADERSHIP IN OPEN EDUCATION

This interdisciplinary Master's programme bridges information technology, business, and educational sciences. Through hands-on coursework, it emphasizes solving real-world challenges in open education and developing transferable skills. Graduates of the programme lead projects, initiatives, communities, and strategic developments in the field of open education. They enhance learning processes by applying modern information and communication technologies (ICT) alongside effective pedagogical practices. With a holistic understanding of the interplay between technological, pedagogical, business, and societal aspects, graduates are equipped to analyse, develop, and manage educational systems at the national level and beyond.

### BASIC INFORMATION

**Admission requirements:** completed first-cycle study programme in the fields of technical and information sciences, natural sciences, humanities, multimedia and design sciences, business and organisational sciences and pedagogical and other social sciences with minimum 180 ECTS

**Duration of the programme:** 4 semesters / 2 years

**Name of the qualification:** Diploma

**Qualification title:** Master of Science

**Study location:** hybrid



### Which path to choose after graduation?

pursuing further studies (PhD studies) | planning and organization of open education programmes | development of innovative teaching and learning methods | analysis and adaptation of educational needs | development of strategies for integrating digital technologies into open education | consulting and supporting the introduction of open education in organizations | ...

### Career opportunities ...

management of interdisciplinary and inter-institutional projects | consulting and support of educational processes | planning and development of open education programmes | analysis of educational needs and adaptation of content | development of open education strategies and policies | ...

### Courses Admission requirements



### Courses Admission requirements





**Anže Novinec, student of the Master's programme in Engineering and Management**

»I decided to study Engineering and Management just before enrolling and what drew me in was the variety of subjects and the programme's broad focus, designed to prepare students for rapid technological changes. My first job practically came to me thanks to the practical placement I completed in my third year of undergraduate studies. If you enjoy working at the intersection of different disciplines and want the opportunity to explore multiple fields, this study programme is definitely an excellent choice for you!«



**Student projects**



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