



University of Nova Gorica

School of Engineering and Management

School of Engineering and Management

The School of Engineering and Management offers **bachelor's** and **master's degree programmes in Engineering and Management**, as well as a new master's degree programme in **Leadership in Open Education**.



Modern companies require not only specialists in fields such as electrical engineering, mechanical engineering, or computer science, but also individuals with **interdisciplinary expertise**. These professionals connect **technological** and **business** aspects to identify and solve actual problems, aiming for efficient, flexible and sustainable production and business operations. Similarly, in the context of a rapidly changing society, future **educational leaders** must possess a broad knowledge base encompassing technological, pedagogical, social and business-related topics. This is essential for **planning, implementing** and **managing** quality educational processes.

As part of their curriculum, students in our programmes engage with real-life tasks related to their fields of study. This hands-on experience ensures that our graduates are well-equipped to address and resolve the challenges of efficient, flexible and sustainable business, industry or educational environments, leveraging their comprehensive knowledge across relevant domains.

Location:

The School is located in the **Lanthieri Mansion** in Vipava, western Slovenia, near the Slovenian-Italian border. This region is home to several high-tech, internationally recognized companies, providing students with an internationally oriented and multicultural learning environment. Additionally, the area offers numerous opportunities for quality leisure activities. The Vipava Valley and the nearby Soča River Valley, extending north into the Alps, attract nature lovers and adrenaline sports enthusiasts. The proximity to charming coastal resorts along the Adriatic Sea, as well as being just an hour's drive from the capital Ljubljana and a one-and-a-half-hour drive to Venice, further enhances the appeal of this location.



Contact:

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Our programmes offer:

- a comprehensive understanding of all aspects important for their chosen career path in engineering and management or in open education;
- interdisciplinary and problem-solving study focus;
- competences of mastering advanced technologies relevant for modern digitalised production, business processes or open education;
- very good prospects on the job market;
- contacts with potential employers during studies (practical placements, projects, etc.);
- studying in small groups with experienced lecturers and mentors;
- virtual classrooms to support the greater flexibility that some students might need.

Bachelor's programme Engineering and Management

The full-time study programme includes lectures, tutorials, practical placement and a final diploma thesis. Spanning six semesters, the curriculum covers general fields of study in the first three semesters, followed by specialized subjects in the remaining three. The practical placement occurs in the final semester, allowing students to gain practical experience in a selected company. Graduates of Engineering and Management are equipped to identify opportunities for improvement and implement effective solutions related to managerial and technological processes within a company.

General admission requirements:

Successfully completed four-year high school programme.

Qualification title:

Bachelor of Applied Science

Curriculum
details:



Master's programme Engineering and Management



The programme lasts for four semesters and features a distinct interdisciplinary syllabus. It integrates management and economics with technology and engineering, information sciences, and environmental sciences, all contributing to a comprehensive understanding of efficient company operations and performance. Core mandatory courses ensure a multidisciplinary foundation, while a broad selection of elective courses allows students to pursue their professional interests and needs. Individual and group projects are essential components, preparing students for their future careers.



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General admission requirements:

- Direct enrollment is available for all bachelor's degree graduates who have completed studies in any of the following fields: technology, engineering and management, natural sciences, economics or organisation.

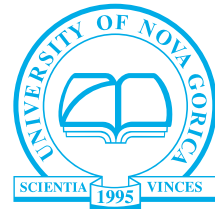
Applications from graduates with degrees in other fields will be considered on an individual basis.

Qualification title:

Master of Science



Curriculum details:



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