



University of Nova Gorica

School of Engineering and Management



School of Engineering and Management

The School of **Engineering and Management** offers the Bachelor's and Master's programmes Engineering and Management, and a new Master's programme **Leadership in Open Education**. Besides specialists in specific fields, such as electrical engineering, mechanical engineering or computer science, modern companies also need individuals with comprehensive interdisciplinary knowledge, connecting technological and business aspects to identify and solve concrete problems when aiming at efficient, flexible and sustainable production and business. Similarly, for educational processes in a rapidly changing society, future leaders with a broad knowledge of technological, pedagogical, social and business related topics will be needed to plan, implement and manage quality knowledge for all. As part of their curricula at our programmes, the students deal with real-life tasks related to their study fields during their studies. Our graduates are thus able to identify and solve the problems of efficient, flexible and sustainable businesses, industry or education, using their broad knowledge of relevant fields.

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.

Location:

The School is located in the Lanthieri Mansion, Vipava, situated in western Slovenia, not far from the Slovenian-Italian border. Studying in the region, where there is the home of several high-tech internationally established companies, allows the students to learn in an internationally oriented and multicultural environment. At the same time the region offers numerous possibilities for quality leisure time activities – the Vipava valley and the adjacent Soča River Valley stretching north into the Alps have been attracting nature lovers and adrenaline sports enthusiasts, while the vicinity of the charming coastal resorts at the Adriatic Sea, one hour drive to the capital Ljubljana and one-and-a-half hour's drive to Venice are also assets of this location.



Contact:

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Bachelor's programme in Engineering and Management (First Level)

The full-time study programme curriculum comprises lectures, tutorials, an industrial placement, and a final Diploma thesis. The studies last for 6 semesters and focus on general fields of study in the first three semesters, while specialised subjects are covered in the next three semesters. The language of instruction is Slovene and/or English. The industrial placement in a selected company takes place in the last semester. A graduate in Engineering and Management is able to identify the opportunities for improvement and provide actual solutions related to managerial and technological processes in a company.



General admission requirements:

- successfully completed four-year secondary school programme

In case the number of candidates exceeds the enrolment quota, the candidates will be selected based on their GPA from their secondary school programme.

Qualification title:

Bachelor of Science in Engineering and Management



Curriculum details:

<https://www.ung.si/en/schools/school-of-engineering-and-management/programmes/1GI/>

Master's programme in Engineering and Management (Second Level)

The studies last for 4 semesters. The syllabus has a distinct interdisciplinary character. It covers management and economics, as well as technology and engineering, information sciences and environmental sciences – all in their interplay contributing to the graduates' awareness of any company's efficient functioning and good results. The core mandatory courses ensure multidisciplinary, while a wide range of elective courses offers the students many opportunities to meet their professional interests and needs. Individual and group projects also play an important role in preparing students for their future careers. The language of instruction is Slovene or/and English.

General admission requirements:

- Direct enrolment possible for all Bachelor's degree graduates with completed studies from any field of engineering, natural sciences, economics or management.

The applications of applicants with a completed degree in any other field of studies shall be taken into consideration on an individual basis.



In case the number of candidates exceeds the enrolment quota, the candidates will be selected based on their GPA from their undergraduate studies.

Qualification title:

Master of Science in Engineering and Management

Curriculum details:

<https://www.ung.si/en/schools/school-of-engineering-and-management/programmes/2GI01/>



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