
Diplomirani gospodarski inženir (vs)/diplomirana gospodarska inženirka (vs)

Selected qualifications

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| Name of qualification | Diplomirani gospodarski inženir (vs)/diplomirana gospodarska inženirka (vs) |
| Translated title (no legal status) | Bachelor of Applied Science in industrial engineering |
| Type of qualification | Diploma prve stopnje (VS) |
| Category of qualification | Izobrazba |
| Type of education | Professional bachelor's education |
| Duration | 3 years |
| Credits | 180 credits |
| Admission requirements | <ul style="list-style-type: none">• Matura or• vocational matura; or• school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme. |

ISCED field

Field
Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno tehnika, proizvodne tehnologije in gradbeništvo

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- use research methods and engineering processes to resolve complex professional problems,
- apply knowledge in practice,
- communicate and cooperate within the discipline and between disciplines,
- perform professional work autonomously,
- adopt a critical attitude and show responsibility,
- demonstrate creativity,
- undertake constant study (lifelong learning),
- continue studies in the second cycle,

(subject-specific competences)

- demonstrate familiarity with basic scientific and engineering knowledge,
- demonstrate familiarity with the fundamentals of economics, organisation and marketing,
- demonstrate proficiency in the use of basic mathematical tools for resolving engineering and economic problems,
- demonstrate understanding of and master the organisational/economic and technical aspects of an enterprise and demonstrate familiarity with their effect on the effectiveness and efficiency of operations,
- demonstrate familiarity with the manufacturing and service sectors,
- logically and comprehensively integrate knowledge from various fields (technology, organisation, economics) and handle it systemically,
- keep abreast of technological development, critically assess information on new developments in place in the context of the enterprise environment,
- use information and communications technology in the business environment,
- demonstrate mastery of practical knowledge for administration and management according to modern organisational and economic principles,
- demonstrate practical mastery of project management methods and software,
- demonstrate understanding of the mutual connections between energy technologies, production technologies and social and environmental questions,
- demonstrate familiarity with the principles of safe, economical, environmentally friendly and reliable management of energy and production systems,
- demonstrate familiarity with the basics of computer control and automation of technical systems and processes and mastery of the methods, tools and components for planning systems

- management,
- demonstrate familiarity with the study, planning and construction of logistical systems,
 - demonstrate understanding of the role of the quality system and quality system standards and the use of statistical tools and techniques to improve quality,
 - master practically oriented knowledge of the modes and benefits of use of basic financial statements to improve the quality of business decisions,
 - demonstrate familiarity with the basics of labour legislation and labour relations regulation and the fundamental characteristics of individual types of company, including the basics of contractual obligations,
 - demonstrate familiarity with the functioning of the EU,
 - demonstrate familiarity with the theoretical bases and proficiency in the practical skills necessary for working with people: communication, leadership, teamwork, management and decision-making, motivation, conflict resolution, human resource management,
 - demonstrate familiarity with the basic principles of enterprise, including those necessary for establishing their own enterprise,
 - communicate in English and demonstrate familiarity with basic English terminology in the fields of technology and business.

Assessment and completion

Students' knowledge is assessed by means of practical exercises and seminar papers, and also via products, projects, performances, services, etc. and by examinations. Examination performance is graded as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5-1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

Progression

In order to progress from the first year to the second year, students must have completed at least 80% of first-year credits, i.e. at least 48 ECTS credits. In order to progress from the second year to the third year, students must have completed all first-year course units and at least 80% of second-year credits, i.e. at least 48 ECTS credits.

Transitions

Second-cycle master's study programmes (SQF level 8)

Condition for obtaining certificate

In order to complete the programme, students must complete all course units prescribed by the study programme.

Awarding body

University of Nova Gorica, School of Engineering and Management

URL

<http://www.ung.si/en/study/>
