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# Diplomirani inženir elektrotehnike (un)/diplomirana inženirka elektrotehnike (un)

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## Selected qualifications

Name of qualification	Diplomirani inženir elektrotehnike (un)/diplomirana inženirka elektrotehnike (un)
Translated title (no legal status)	Bachelor of Science in electrical engineering
Type of qualification	Diploma prve stopnje (UN)
Category of qualification	Izobrazba
Type of education	Academic bachelor's education
Duration	3 years
Credits	180 credits

## Admission requirements

- Matura or
- vocational matura in any secondary school programme and an examination in one matura subject; 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 elektronika in avtomatizacija

## Qualification level

SQF 7  
EQF 6  
First level

## Learning outcomes

The qualification holder will be able to:

(general competences)

- define, understand and creatively address problems in the field of electrical engineering and more widely,
- think critically on the basis of analysis and synthesis,
- show professional, environmental and social responsibility,
- engage in active technical communication in written and oral form,
- make optimal use of information and communication technologies and develop them,
- autonomously keep abreast of the latest achievements and acquire new knowledge,
- work in a team with experts from various fields.

(subject-specific competences)

- demonstrate mastery of basic and specialised knowledge in the field of electrical engineering,
- acquire knowledge from complementary technical fields and the business sector and demonstrate that they understand it,
- plan and implement more complex automated systems,
- plan and implement more complex electronic assemblies and devices,
- plan and implement more complex power installations and mechatronic systems,
- plan and implement more complex telecommunications networks and information systems.

## 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 scored 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**

Students may enrol in a higher year if by the end of the academic year they have met all enrolment requirements defined by the study programme.

## **Transitions**

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

## **Condition for obtaining certificate**

In order to complete the programme, students must complete all prescribed course units, for a total of 180 credits.

## **Awarding body**

Faculty of Mechanical Engineering, University of Ljubljana

URL

<http://www.fe.uni-lj.si/en/>

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