
Diplomirani inženir elektrotehnike (vs)/diplomirana inženirka elektrotehnike (vs)

Selected qualifications

Magister farmacije/magistrica farmacije



Name of qualification

Diplomirani inženir elektrotehnike (vs)/diplomirana inženirka elektrotehnike (vs)

Translated title (no legal status)

Bachelor of Applied Science in electrical 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

- 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 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,
- critically evaluate specific solutions,
- show professional, environmental and social responsibility,
- engage in technical communication in written and oral form,
- use information and communication technologies,
- autonomously keep abreast of developments in the field,
- work in a team with experts from related fields

(subject-specific competences)

- demonstrate mastery of basic and specialised knowledge in the field of electrical engineering,
- gain new knowledge in the electrical engineering field and demonstrate understanding of it,
- plan and implement automated systems,
- plan and implement electronic assemblies and devices,
- plan and implement power installations and mechatronic systems,
- plan and implement telecommunications networks and information systems,
- plan and implement systems for engineering quality assurance.

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

Študent visokošolskega strokovnega študijskega programa 1. stopnje Aplikativna elektrotehnika se lahko vpiše v 2. letnik, če do vpisnega roka opravi obveznosti iz 1. letnika v obsegu najmanj 54 kreditnih točk (ECTS).

Študent visokošolskega strokovnega študijskega programa 1. stopnje Aplikativna elektrotehnika se lahko vpiše v 3. letnik, če do vpisnega roka opravi vse obveznosti iz 1. letnika (60 kreditnih točk) in obveznosti iz 2. letnika v obsegu najmanj 54 kreditnih točk (ECTS).

Transitions

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

Condition for obtaining certificate

Študent uspešno zaključi študij, ko opravi vse s študijskim programom predpisane obveznosti.

Awarding body

Faculty of Mechanical Engineering, University of Ljubljana

URL

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