

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

Selected qualifications

Magister organizator/magistrica organizatorka X

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 elektrotehnika in energetika

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- use mathematical, scientific and computing knowledge to resolve engineering problems,
- address specific problems in the field of electrical engineering, taking into account broader socio-economic consequences and restrictions,
- install, maintain and manage electrical engineering devices and systems that will satisfy set objectives and requirements in practice,
- integrate technical knowledge, techniques, skills and modern engineering tools in the addressing of technological problems,
- give public presentations of technical solutions in written or oral form,
- demonstrate autonomy in professional work, show a critical spirit and take responsibility for proposed solutions and
- work in professionally and/or ethnically mixed groups.

(subject-specific competences)

- transfer of new technological solutions into practice,
- demonstrate understanding of the basic principles of operation of electrical engineering devices, systems and processes,
- resolve specific operational tasks while taking into account relevant recommendations, standards and regulations,
- record and analyse faults, outages or disruptions in technological processes and take operational action,
- use standard methods and techniques to carry out maintenance, testing, monitoring and operational tasks,
- use information technology and
- go on to further study in compatible master's programmes.

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

Students complete their studies when they have successfully met all prescribed requirements of a study programme.

Awarding body

Faculty of Electrical Engineering and Computer Science, University of Maribor

URL

<https://feri.um.si/en/>
