SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani inženir tehnologije polimerov (vs)/diplomirana inženirka tehnologije polimerov (vs)

Selected qualifications

Name of qualification	Diplomirani inženir tehnologije polimerov (vs)/diplomirana inženirka tehnologije polimerov (vs)
Translated title (no legal status)	Bachelor of Applied Science in polymers technology
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 lesarska, papirniška, plastična, steklarska in podobna tehnologija

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- analyse and synthesise,
- apply acquired theoretical knowledge in practice,
- solve problems,
- communicate effectively, including in foreign languages, and use modern presentation tools,
- pursue learning and recognise the need for lifelong learning,
- adapt to new situations in order to improve quality,
- demonstrate mastery of information management,
- pursue independent and team work,

(subject-specific competences)

- demonstrate mastery of basic knowledge from the science and engineering fields, integrate knowledge from various fields and apply this knowledge to the field of polymers technology,
- demonstrate understanding of the general structure of the field of polymers technology and the links between its sub-disciplines,
- demonstrate coherent mastery of knowledge from the fields of polymer materials and polymer production, processing and transformation technologies,
- use engineering software tools and ICT at work,
- demonstrate familiarity with basic principles in the fields of enterprise, economics, business and management and apply this knowledge to a specific area of work,
- integrate new information in the context of polymers technology and implement it in practice,
- resolve specific work problems through the application of engineering methods and procedures,
- use a foreign language actively.

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

Students may progress from the first year to the second year if they have completed course units in the following subjects: Mathematics for Engineering, Physics for Engineering, General Chemistry, Computer Integrations I and Planning Technologies and Tools.
Students may progress from the second year to the third year if they have completed all first-year course units, accumulated at least 45 second-year credits and completed course units in the following subjects: Chemistry of Polymers, Polymer Composites, Materials Science and Computer Integration II

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, for a total of at least 180 credits.

Awarding body

Visoka Šola za Tehnologijo Polimerov (independent higher education institution)

URL

http://www.ftpo.eu/en