

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

Selected qualifications

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Compare Selected	Clear

Name of qualification	Diplomirani inženir lesarstva (vs)/diplomirana inženirka lesarstva (vs)
Translated title (no legal status)	Bachelor of Applied Science in wood 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)

- demonstrate familiarity with the properties of wood and fibrous composites and their possibilities of use,
- demonstrate understanding of and familiarity with technological processes and production technologies in the woodworking industry,
- integrate theoretical and practical knowledge that enables the implementation, supervision and management of technological wood-processing procedures,
- transfer specialised knowledge into production, particularly new technological solutions, and critically assess and apply theoretical knowledge in practice,
- resolve practical problems in production using scientific methods and interdisciplinary work,
- autonomously implement, supervise and manage technological processes in wood-processing production and resolve problems,
- use information technologies creatively,
- participate in group work and project work, where the emphasis is on social responsibility and professional ethics,
- undertake autonomous professional work and self-critical evaluation,
- communicate with co-workers, management staff, subordinates and the public,
- pursue self-directed learning and professional and personal development and keep abreast of research results,
- use modern tools and skills,
- carry out analyses and practical and applied planning and implement a process through to a finished product,
- carry out pricing analysis of a process, material, technology, sales in a market, occupational safety, etc.,
- demonstrate understanding of and integrate technical, technological, scientific, economic and organisational knowledge,

(subject-specific competences)

- demonstrate mastery of practical skills,
- demonstrate familiarity with the structure and properties of wood and fibre composites,
- determine the serviceability of individual types of wood and fibre composites,
- demonstrate familiarity with the principle of sustainable, rational and optimal use of wood,
- demonstrate familiarity with production technologies in the woodworking industry,
- demonstrate understanding of, integrate and master technologies and technological processes in the woodworking industry,
- systematically monitor sources of professional information and apply it appropriately in production technologies,
- manage wood and fibre composites.

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 enrol in the second year if by the end of the academic year they have completed all course units prescribed by syllabuses and accumulated at least 48 credits; for enrolment in the third year they must have completed all first- and second-year course units and accumulated 60 first-year credits and 48 second-year credits (a total of 108 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 and subject syllabuses, for a total of 180 credits. Students must write and defend a diploma project.

Awarding body

University of Ljubljana, Faculty of Bioengineering

URL

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