SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani organizator informatik (un)/diplomirana organizatorka informatičarka (un)

Selected qualifications

Name of qualification	Diplomirani organizator informatik (un)/diplomirana organizatorka informatičarka (un)
Translated title (no legal status)	Bachelor of Arts in IT organisation
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; or • school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme.

ISCED field

Field
Poslovne in upravne vede, pravo

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno poslovne in upravne vede, pravo

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

General competences:

- develop an information support methodology,
- introduce comprehensive software solutions,
- develop a methodology for implementing software solutions,
- design and implement relational, object and NoSQL databases,
- analyze, model and optimize business processes,
- plan and develop information systems,
- participate in the process of developing architectures, information systems, mass data processing and the Internet of Things,
- develop and analyze data with modern tools and develop and use appropriate algorithms for machine learning and artificial intelligence to solve typical problems in companies, public and state administration,
- program in different programming languages,
- develop functional and technical specifications in the analysis of the needs of the business environment,
- manage business processes in the organization from the organizational and information point of view,
- analyze business problems and develop methods for solving them,
- introduce existing and participate in the development of new standards in the field of information systems,
- plan solutions to ensure cyber security and,
- lead groups of different profiles in information system development projects.

Subject-specific competences:

- develop an information support methodology,
- introduce comprehensive software solutions,
- develop a methodology for implementing software solutions,
- design and implement relational, object and NoSQL databases,
- analyze, model and optimize business processes,
- plan and develop information systems,
- participate in the process of developing architectures, information systems, mass data processing and the Internet of Things,
- develop and analyze data with modern tools and develop and use appropriate algorithms for

machine learning and artificial intelligence to solve typical problems in companies, public and state administration,
- program in different programming languages,
- develop functional and technical specifications in the analysis of the needs of the business environment,
- manage business processes in the organization from the organizational and information point of view,
- analyze business problems and develop methods for solving them,
- introduce existing and participate in the development of new standards in the field of information systems,
- design solutions to ensure cyber security; and
- lead groups of different profiles in information system development projects.

Assessment and completion

The methods and forms of checking and assessing knowledge are defined in the individual curriculum and consistently follow the verification of the achieved learning outcomes and competencies of each learning unit.

Progression

Conditions for progression to the 2nd year:

Students progress to the 2nd year if he / she has obtained at least 40 ECTS by completing the obligations of the 1st year.

Conditions for progression to the 3rd year:

Students progress to the 3rd year if he / she has completed all the obligations of the 1st year (collected 60 ECTS) and has collected at least 45 ECTS in the 2nd year.

Transitions

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

Condition for obtaining certificate

Students complete the study upon fulfillment of all anticipated obligations in the program, including the successful defense of the diploma thesis, and collect a total of at least 180 ECTS.

Awarding body

University of Maribor, Faculty of Organisational Sciences

URL

https://fov.um.si/en