Magister inženir multimedije/magistrica inženirka multimedije

Selected qualifications

Name of qualification

Magister inženir multimedije/magistrica inženirka multimedije

Translated title (no legal status)

Master of Science of Multimedia Engineering

Type of qualification

Diploma druge stopnje

Category of qualification

Izobrazba

Type of education

Master's education

Duration

2 years

Credits

120 credits

Admission requirements

In order to be eligible to enrol in the Multimedia interdisciplinary second-cycle study programme, candidates must:
• have completed first-cycle studies or a higher vocational study programme as per legal provisions in force before 11 June 2004, from the professional fields of multimedia, computer and information science, electro-technical engineering, or studies from other fields or natural history and technical sciences (mathematics, physics, chemistry and chemical technology, mechanical engineering, civil engineering),
• have completed first-cycle studies from the field in question, or a higher vocational study programme as per legal provisions in force before 11 June 2004, from a field not listed under a), but passed prior to enrolling the following exams from the 1st-cycle Multimedia programme: Programming 1, Programming 2, Introduction to multimedia systems and Communications systems, or if they have attained a sufficient level of knowledge covered in the abovementioned subjects, which will be deliberated by the Commission of study affairs of the FCIS and the Study commission of the FEE,
• have completed a level of education equivalent to what is laid out in items a) and b) through studies abroad.

ISCED field

Field
Informacijske in komunikacijske tehnologije (IKT)

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno informacijske in komunikacijske tehnologije (ikt)

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The general competences of a qualification holder attained through the programme:

- The ability to define, understand and creatively resolve problems in the wider field of multimedia,
- The ability to think critically based on analysis and synthesis,
- Systemic knowledge, the ability to research and plan,
- Professional, environmental and social responsibility,
- The ability to conduct professional expert communication in the written and oral form,
- The ability to optimise the use of IT and its development,
- The ability to be independent in keeping up-to-date with the latest achievements, as well as the ability to acquire related new knowledge and skills,
- The ability to look for (re)sources, to critically assess information and share/transmit knowledge,
- The ability to work in a team together with experts from both technical and non-technical fields of expertise.

Subject-specific competences of the graduates acquired through the programme:

- Good command of the fundamental and professional notions/knowledge from the field telecommunications and information systems,
- The ability to design a technical plan and to implement multimedia systems and services,
- The ability to plan and implement multimedia systems from the user point-of-view and based on the user experience,
- The knowledge of the modern methods of software development in multimedia systems,
- The knowledge of the fundamental principles and characteristics of creating information and visual communications,
- The ability to understand data and form knowledge on this basis,
- The ability to analyse various types of multimedia content,
- The ability to acquire knowledge and to understand knowledge from complementary technical areas and from the field of the economy.

Assessment and completion

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, the candidate must achieve a grade between adequate (6) and excellent (10).

Progression

In order to progress to year 2, obligations from year 1 totalling 54 ECTS must be completed.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

Students complete the course when they complete all of the obligations set out in the study programme for a total of 120 credit points, which includes the master's thesis.

Awarding body

University of Ljubljana, Faculty of Computer and Information Science

URL

https://fri.uni-lj.si/sl/studij