


---

# Magister inženir multimedije/magistrica inženirka multimedije

---

## Selected qualifications

Zdravstveni podčastnik/zdravstvena podčastnica 

<b>Name of qualification</b>	Magister inženir multimedije/magistrica inženirka multimedije
<b>Translated title (no legal status)</b>	Master of Science of Multimedia Engineering
<b>Type of qualification</b>	Diploma druge stopnje
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Master's education
<b>Duration</b>	2 years
<b>Credits</b>	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>

---