

# Magister znanosti/magistrica znanosti s področja karakterizacije materialov

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## Selected qualifications

<b>Name of qualification</b>	Magister znanosti/magistrica znanosti s področja karakterizacije materialov
<b>Translated title (no legal status)</b>	Master of Philosophy in the field of characterisation of materials
<b>Type of qualification</b>	Magisterij znanosti/umetnosti
<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

- A completed academic higher education programme in the field of physics, chemistry, electrical engineering or materials science; or
- a completed professional higher education programme in the field of physics, chemistry, electrical engineering or materials science.

## ISCED field

Field  
Naravoslovje, matematika in statistika

## ISCED subfield

subfield fizika

## Qualification level

SQF 9  
EQF 8  
Third level

## Learning outcomes

Qualification holders have mastered the basics of the characterisation of materials using spectroscopy and ion, electron and photon based techniques. They will also be familiar with the structural, optical and electronic properties of modern materials, and with the modelling of materials and processes. They will be able to acquire knowledge from research methodology, address problems using scientific methods and show substantive and methodological expertise.

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

## Progression

In order to enrol in the second year, students must have completed at least 15 first-year credits, including Seminar I (6 credits) and research work.

## Transitions

Third-cycle doctoral study programmes (SQF level 10)

## Condition for obtaining certificate

In order to complete the programme, students must pass all examinations, complete all course units in all subjects of the curriculum, including elective subjects, and successfully defend a master's thesis, for a total of at least 120 credits.

Graduates of this programme must complete the programme by the 30.9.2016.

## Awarding body

University of Nova Gorica, Graduate School

URL

<http://www.ung.si/en/>

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