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# Magister morske biologije/magistrica morske biologije

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## Selected qualifications

Name of qualification	Magister morske biologije/magistrica morske biologije
Translated title (no legal status)	Master of Science in Marine Biology
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

## Admission requirements

Enrolment in the first year of the study programme is open to candidates who have:

- completed a relevant higher education study programme,
  - namely a first-cycle programme in the related professional fields (Biology, Chemistry, Physics, Environmental protection), in the extent of at least 180 credits, or
  - completed a first-cycle study programme in another professional field, not mentioned in the first indent, for a total of at least 180 credits, and prior to enrolment fulfilled all the study requirements in the extent from 10 to 60 credits, which are essential for the continuation of studies in the study programme;
- demonstrated a relevant level of knowledge of English (B2 level – high matura level).

## ISCED field

Field  
Naravoslovje, matematika in statistika

## ISCED subfield

subfield biologija

## Qualification level

SQF 8  
EQF 7  
Second level

## Learning outcomes

The qualification holder will be able to:

General competences

- Demonstrate comprehensive knowledge of the basics of biology and applied biology with a detailed familiarity of marine organisms and marine environment;
- Implement analyses and syntheses, and predict solutions and consequences;
- Demonstrate mastery of the science and methodology of programme disciplines with special emphasis on interactions between marine environment and flora and fauna;
- Demonstrate detailed knowledge of the methods of measurements, analytical instruments and sampling procedures;
- Demonstrate advanced understanding of mathematical and information instruments for data analysis;
- Fluently use the written and oral forms of technical scientific vocabulary of the English language, and if possible, of other foreign languages;
- express critical and self-critical judgement;
- Work autonomously and, if at all possible, take responsibility for projects and organisation;
- Demonstrate developed communication competences and skills, in particular in connection with communication in the international environment,
- Participate and work in groups;
- Apply knowledge in practice, independently search for new professional knowledge.

## Subject-specific competences

- Educational activities, the aim of which is to master biochemical, genetic and biotechnological methodologies, used with marine organisms;
- Enhanced training in the basics of biology and complex interactions between abiotic components of the marine system and live organisms, with special emphasis on the forms of their connection and reactions as component systems, and on their morpho-functional and ecotoxicological adaptations;
- Enhanced mastery of mathematical, physical and information instruments for acquisition and processing of data, related to the environment and biology, the aim of which is understanding and creation of conceptual models;
- Field work in the form of workshops and courses, the aim of which is to master the method of acquiring patterns from the sea and preliminary processing of biological material;
- Hands-on experience in planning experiments using continuous laboratory practice;
- Connection of solid training in the field of biology with vocational opportunities in the field of marine areas and resources management, including production aspects of fishery and aquaculture and aspects arising from the use of applied biotechnologies;
- Activities of training, lectures and laboratory practice for a total of at least 30 credits, with the objective of mastering experimental methods and data processing;
- In relation to specific objectives: external trainings, such as practical training in companies, bodies of public administration and laboratories, as well as periods of study at other Italian and European universities, in the framework of international agreements.

## 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

Students, enrolled in a study programme at University of Primorska or University of Trieste, may progress in the second year without limitations regarding the fulfilled study requirements.

## Transitions

Third-cycle doctoral study programmes (SQF level 10)

## Condition for obtaining certificate

In order to complete the programme, students must complete all course units prescribed by the study programme, and prepare and successfully defend their master's thesis. Students choose their master's thesis topic in cooperation with their mentor, at the end of the second semester at the latest.

By successfully defending their master's thesis students accumulate 120 credits and acquire the professional title in compliance to the study programme.

## Awarding body

University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies

URL

<https://www.famnit.upr.si/en>

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