



## DEPARTMENT OF MARINE SCIENCES

### **MAR301 Bachelor's degree project in Marine Science: Major in Oceanography, 15 credits**

Examensarbete i marin vetenskap, inriktning oceanografi, 15 högskolepoäng  
*First Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Department of Earth Sciences on 2013-10-01 and was last revised on 2023-04-20 by Department of Marine Sciences to be valid from 2023-05-01, spring semester of 2023.

*Field of education:* Science 100%

*Department:* Department of Marine Sciences

#### **Position in the educational system**

The course is a degree project course for a bachelor's degree in marine science and in oceanography.

The course can be part of the following programme: 1) Marine Science, Bachelor's Programme (N1MAV)

#### *Main field of studies*

Marine Sciences

Oceanography

#### *Specialization*

G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

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#### **Entry requirements**

Alternative 1: Completed courses MAV101-MAV113, of which at least 90 credits must be completed and passed.

Alternative 2: Passed courses worth 120 credits in the scientific field where at least 60 credits are constituted by courses in the marine sciences.

## Learning outcomes

After having completed the course, the student is expected to:

### *Knowledge and understanding*

- demonstrate theoretical knowledge in the subject area of the chosen degree project
- demonstrate knowledge in scientific methodology and relate this knowledge to the current degree project
- explain the theoretical background of a problem in the project field

### *Competence and skills*

- independently plan and carry out a theoretical or experimental study
- carry out the assignment within given time frames
- demonstrate the ability to present and discuss acquired information and data in writing as well as orally

### *Judgement and approach*

- search, critically evaluate and interpret relevant information for the work

## Course content

The student carries out and presents a scientific independent project in marine science with a specialisation in oceanography. The assignment can be:

- an experimental work or
- an analysis and evaluation of scientific data
- critical literature survey built on original works

The degree project can take place on the Department of marine sciences on other department in the subject area or externally at companies, institutes or public authority and is supervised of a scientifically educated researcher.

The final work is presented in writing in the form of a scientific report and through an oral presentation.

## Form of teaching

The work should result in an academic paper in Swedish or English and a summary about no more than one A4 side on the opposite language. The work is presented orally at a seminar.

The degree project may be carried out in Gothenburg or be partly located at a research station for Marine Sciences (Tjärnö and/or Kristineberg) or at other departments

outside the University where relevant activities are carried out.

*Language of instruction:* English or Swedish depending on the organization's requirements

### **Assessment**

The student's achievements are assessed, of one of the department appointed examiner according to one of the Faculty of natural sciences established routine.

For students who have not passed the regular examination, additional examination sessions are offered. Opportunities to supplement failed compulsory components are limited and are decided upon in consultation with the course coordinator.

A student who did not pass the examination, will be offered possibilities to take re-exams. Opportunities to supplement experimental parts are limited and are decided upon in consultation with the supervisor and the examiner.

If a student, who has failed the same examined component twice, wishes to change examiner before the next examination, a written application shall be sent to the department responsible for the course and shall be granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

If a student has a recommendation from the University of Gothenburg regarding special educational support, the examiner (in case it is compatible with the course's objectives and if not unreasonable resources are required) can decide to give the student an alternative examination form.

In cases where a course has been discontinued or has undergone major changes, the student shall normally be guaranteed at least three examination occasions (including the ordinary examination) during a period of at least one year, but maximum two years from the last time the course was given.

### **Grades**

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

The grade is assessed according to the guidelines and criteria developed by the Faculty of Science.

To pass (G) requires 30 points (50%) and the mean value for each of the five main criteria (1-5) should be at least 2 (Sufficient). To pass with distinction (VG) requires 51 points (85%), and that the report is submitted on time.

Concerning application of the ECTS scale for grade please see Vice-Chancellor's decision 28/05/2007, No. G 8 197/07 as well as 28/02/2011, No. O 2009/0554.

### **Course evaluation**

A written evaluation is done at the end of the course. In the written evaluation, the student is anonymous. The results and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.

**Additional information**

The course literature is determined individually for each project in consultation with the supervisor and examiner.

Where applicable: Travel to and from the research station represents additional costs for the student.