UNIVERSITY OF GOTHENBURG

DEPARTMENT OF MARINE SCIENCES

MAR302 Bachelor's degree project in Marine Science: Major in Biology, 15 credits

Examensarbete för kandidatexamen i marin vetenskap, inriktning biologi, 15 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by Department of Biological and Environmental Sciences on 2014-01-15 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 biology.

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

Main field of studies	*Specialization*
Biology	G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc
Marine Sciences	G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

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 marine sciences.

Alternative 3: Passed courses in biology worth 75 credits, Basic chemistry 1 (KEM011, 15 credits) and a course in oceanography of at least 7.5 credits.

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 an independent research project in marine science focusing on marine biology.

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 scientific report 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. A scientifically trained supervisor is available for guidance during the work.

Language of instruction:

Swedish and/or English.

Assessment

The student's performance is assessed by an examiner appointed by the department according to a procedure decided by the Faculty of Science.

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.

If a student, who has failed the same exam 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).

In those cases where a course has been discontinued or undergone major changes, a student should be guaranteed access to at least three examination opportunities (including the regular examination opportunity) during a period of at least one year, with the course's earlier structure as the point of departure.

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.