



## HÖGSKOLAN I GÄVLE

### Aquatic Ecosystems in Nordic Countries 7.5 cr

*Akvatiska ekosystem i Norden 7,5 hp*

Set by Faculty of Engineering and Sustainable Development

**Version**

**Set at**

**Valid from**

6/9/09

**VT2019**

<b>Level</b>	G1N
<b>Education level</b>	First cycle
<b>Course identifier</b>	BI302A
<b>Credits</b>	7.5 cr
<b>Main field of study</b>	Biology
<b>Subject group</b>	Biology
<b>Disciplinary domain</b>	Natural sciences 100.0 %

**Learning outcomes**

After successful completion of the course the student will be able to:

1. demonstrate basic knowledge of ecosystems of running waters, lakes and the Baltic Sea.
2. explain background and causes of pollution problems in aquatic ecosystems in Nordic Countries.
3. show understanding in the importance of the Baltic Sea to human welfare in the surrounding countries

**Course content**

Physical Geography in the Baltic Sea region  
Biology in fresh water systems and the Baltic Sea  
Environmental pollution in aquatic systems  
Fishery today and in history

**Teaching**

Lectures (outdoor and classroom), seminars, excursions and work shops.

**Prerequisites**

General entry requirements

**Examination**

Evaluation of practical field skills throughout the course.  
Seminar and group discussion activity.  
Oral presentation of project work.  
Written examination.

<b>Grade</b>	A, B, C, D, E, Fx, F
<b>Limitations</b>	Seminars, excursions and projects are compulsory. All compulsory parts are needed to achieve a final grade. Occasional absence from compulsory parts might in special cases be compensated by agreement. In case of failing the written exam the students are entitled to make one renewed attempt within three weeks.
<b>Other regulations</b>	Students will be expected to contribute actively and to apply their knowledge to the current issues. Students are required to work on their own between teaching hours. Working load is 40 hours per week, all weeks. Criteria for final grade will be handed out at the beginning of the course.
<b>Sustainable environment</b>	The majority of the course content deals with sustainable development..
<b>Module</b>	0010 Aquatic Ecosystems in Nordic Countries 7.5 cr Grade: AF