

PHD COURSE: TRANSDISCIPLINARY APPROACHES TO SUSTAINABLE MARINE AQUACULTURE (4 ECTS)

Aquaculture holds tremendous promises to alleviate the global increased demand for food. The rapid growth of the aquaculture sector has, however, also led to concerns for environmental impacts, such as environmental pollution, biological pollution, and the use of wild fish for fishmeal and fish oil production.

A comprehensive planning for sustainable seafood production do not only include technical and biological concerns but must involve interactions between the aquaculture industry, researchers, authorities and the public at several levels.

This PhD course aims at presenting and discussing trans- and interdisciplinary methodologies to study the world's aquaculture ecosystems and their possibilities to develop. The students will be introduced to "The Triple Helix model", a useful approach for integrating academic, public and industry partners. The course will cover new and developing aquaculture productionsystems, with focus on responsible and sustainable ocean food production.

Course description

The course is aimed for PhD students with interest in interdisciplinary approaches to the development of sustainable food production from the sea. The course will include lectures; preparatory literature study; student oral presentations; intensive group studies in collaborative team projects; and study visits to aquaculture sites. The course will be taught by Swedish and international lecturers and experts from the industry.

The course constitutes two parts: 1) one intensive week held at Tjärnö Marine Laboratory (10-12 Feb) and Kristineberg Marine Research Station (12-14 October), which are both located on the Swedish West Coast; 2) one internet based part (4 weeks) during which groups of 4 students work together on one aquaculture organism and system to describe the whole value chain "from farm to fork".

Applications

Submit an online application: <https://sUNET.artologik.net/gu/Survey/6582>
Also send a short motivation letter and a brief CV to:
info@swemarc.gu.se

Deadline for registration: 10 January, 2020
Max 20 PhD students will be accepted.

For enquiries about the course, please contact the course organiser and administrative support: carl.johan.skogh@hdk.gu.se; info@swemarc.gu.se
Read more about swemarc.gu.se

- A COURSE FOR: PHD STUDENTS INTERESTED IN TRANSDISCIPLINARY DEVELOPMENT OF SUSTAINABLE FOOD PRODUCTION FROM THE SEA
- NATURAL SCIENCE OR SOCIAL SCIENCE PROFILES - OR A MIX

4 REASONS TO STUDY THIS COURSE:

1. The course is one of its kind!
2. The course uses "The Triple Helix model" approach
3. The course includes study visits to Swedish aquaculture sites
4. Meet and get to know experts in the field
5. Learn about innovative and responsible aquaculture.

CONTACT

Senior lecturer Carl-Johan Skogh
Email: carl.johan.skogh@hdk.gu.se

Administrative support:
Email: info@swemarc.gu.se



UNIVERSITY OF
GOTHENBURG