



PNS0235, Fish and fisheries ecology, 3.0 Hp

Syllabus

Finalized by: Institutionen, 2021-11-01

Valid from: HT2007

Level within study regulation:

Third cycle

Subject:

- Biology

Grading scale:

Pass / Failed

Course language:

Swedish

Entry requirements:

Antagen till forskarutbildning

Objectives:

1. The course will provide advanced knowledge in fish and fisheries ecology, including assessment and management practices of aquatic resources.
2. The course will present recent advances in fish and fisheries ecology with specific relevance to ecosystem-based fisheries management and other selected research themes.

3. The course provides practice in oral presentation, argumentation and discussion and foster appreciation for diverse views.
4. The course provides practice in putting theory and general concepts into the context of the student's own work and vice versa.
5. The course will offer a network opportunity for Swedish PhD students engaged in topics related to fish and fisheries ecology.

Content:

General set-up of course

1. The course starts with a 2-day workshop 10-12 November 2021 led by the course leaders, taking place as a physical meeting at SLU-Aqua (Lysekil), which entails:
 - a. Introduction to the course
 - b. Students present their projects
 - c. Ground rules for seminars set by the students, together with the course leaders.
 - d. Introduction to research and facilities at SLU Aqua
 - e. One seminar (detailed description below)
 - f. Field excursion
 - g. Networking activities

In this meeting, graduate students from SLU-Aqua that have previously taken the course will be participating in points b and g.

2. Four online seminars, based on 2-4 scientific papers, planned and coordinated by teachers and co-arranged by the students.
 - a. The students will take turns to be responsible to make a short introduction to the subject to be discussed at the specific seminar, including selecting one of the papers for the seminar. However, the coordination of the seminar should still be the responsibility of the teacher. Which seminar(s) each student is responsible for (can be more than one

responsible student per seminar) will be organized via email together with the course leader, before the starting date of the course.

- b. Each student should for every seminar prepare at least two questions to bring up in the discussions of the group.
- c. Each discussion seminar should end with:
 - students briefly accounting for an interesting idea presented in the literature or during the discussion,
 - students reflecting on how theories and concepts discussed during the seminar may be of relevance for his/hers doctoral projects and
 - opportunity for everyone to give feedback on the discussion.

Modes of assessment:

Examination will be based on:

1. Active participation in the discussions, preparation of questions, presentation of ideas, introduction of the subject and paper for at least one seminar, and the provision of feedback during discussions. In the case that a student cannot attend a seminar, he/she will need to hand in a summary (1 page) of the literature for that seminar, including a written version of points in 2c, above.
2. The student must participate in the workshop and at least 3 (of the in total 4) seminars (and hand in written reports for the seminar which he/she could not attend) to pass.
3. Grades: Pass/ Not pass (G/U)
 - If a student has failed an examination, the examiner has the right to issue supplementary assignments. This applies if it is possible and there are grounds to do so.
 - The examiner can provide an adapted assessment to students entitled to study support for students with disabilities following a decision by the university. Examiners may also issue an adapted examination or provide an alternative way for the students to take the exam.

- If this syllabus is withdrawn, SLU may introduce transitional provisions for examining students admitted based on this syllabus and who have not yet passed the course.
- For the assessment of an independent project (degree project), the examiner may also allow a student to add supplemental information after the deadline for submission. Read more in the Education Planning and Administration Handbook.

Organisation:

Department of Aquatic Resources

Supplementary information

Other information:

- The right to participate in teaching and/or supervision only applies for the course instance the student was admitted to and registered on.
- If there are special reasons, students are entitled to participate in components with compulsory attendance when the course is given again. Read more in the Education Planning and Administration Handbook.