Course presentation

for Summer Semester 2020

biol-235

Field course / Excursion

„Developmental biology of marine invertebrates“

Dr. Alexander Klimovich
biol-235 Field course / Excursion

„Developmental biology of marine invertebrates“
tentative date
22.06. - 29.06.2020

Biological Station of AWI „Helgoland“
Helgoland Island

Dr. Alexander Klimovich
“Developmental biology of marine invertebrates”: Summary

The course is offered for 20 students of the Master in Biology and MAMBE programs. The course is given in English and is composed of lectures, seminars prepared by the participants, experiments in the lab and field excursions. The goals of the course are to extend the basic knowledge of developmental biology, demonstrate the influence of the environment onto development of diverse marine animals, and to raise interest in the contemporary evolutionary developmental biology. The participants will investigate the comparative anatomy, life cycles, larval stages, and reproductive patterns and self-nonself recognition in selected representatives of some invertebrate taxa (sponges, cnidarians, flatworms, tunicates). Active participation of the students in the experimental work and discussions is expected. The course will provide an opportunity to improve the student’s communication skills. Informal interactions with the instructors will give insights into the current trends personal challenges in research in the EcoEvoDevo field.
„Developmental biology of marine invertebrates“:

Excursions

- Intertidal zone
- Research vessel „Uthörn“
  (plankton collection, dredging etc.)
Assist. Prof. Igor Adameyko


„Developmental biology of marine invertebrates“: Organisation aspects

• Registration: on 1-2 April, on-line only (LSF), binding

• Participants will be notified, whether the course takes place, in the first week of May 2020

• Participation fee – 45,00 EUR: students will be requested to pay by bank transfer in advance

• Overall costs – ca. 100,00 EUR
  • Accomodation (30%), transport (50%), provisions (100%)
„Developmental biology of marine invertebrates“: Briefing

- Detailed program and schedule of the course
- Seminar topics
- Organizational issues

14th May 2020, 15:00
Allgemeine Zoologie
Room 417, 4. OG
“Developmental biology of marine invertebrates”: Contacts

• Dr. Alexander Klimovich
  – Room 419, 4.OG
  – aklimovich@zoologie.uni-kiel.de