

Module with field trip – Marine Biotechnology and Ecology of the Adriatic Sea



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The Module with field trip "**Marine Biotechnology and Ecology of the Adriatic Sea**" is designed for **Master students** in the curricula "**Biology**", "**Biochemistry**", and "**Biologie Lehramt**" and provides teaching in marine biology, botany, ecology, and microbial biotechnology. The module is scheduled for the first half of **summer term 2022 from April 20 to May 27, 2022**.

During the first weeks, seminar presentations by students will introduce into different aspects of marine biology especially methods for marine biotechnology. The **field trip** is scheduled for **Fri. May 6 to Sat. May 14, 2022**. During the field trip, students will be introduced to state-of-the-art methods in sampling and sequencing of metagenomes of various habitats and experiments to measure photosynthesis of marine organisms will be conducted. Additionally, lectures on the flora of the unique islands of the northern Adriatic Sea will be delivered on site. After returning to Ulm, metagenomic sequencing data will be processed and analyzed for features interesting for biotechnological applications. Following successful participation in the exam, the module will be credited with 9 ECTS.

Students interested in participating in this module have to register for the corresponding Moodle course at <https://moodle.uni-ulm.de/course/view.php?id=29700> (**deadline for registration Fri. April 1, 2022, at 12:00h**). Participation is limited to 6 students due to the number of berths on the sailing yacht. Financial contribution of participants towards the costs of the field trip will be € 100. **Selection of participants** (if required) will take place during a first organizational meeting **on Mon. April 4, 2022, at 09:00-12:00h in Room N24/206**.

apl. Prof. Dr. Christian Riedel, Prof. Dr. Marian Kazda