
23.4058– Scientific Diver Basic (4 points, 2023-2024)

Semester A

Course Schedule:

TBA

10 day course (no class Friday/Saturday)

Instructors:

Tali Mass tmass@univ.haifa.ac.il

Diving Safety Officer (DSO): Eran Rozen

Office Hours:

Tali: With advance coordination, Multipurpose building.

Teaching Assistants & Office Hours:

Assistant: Itai Kolsky

Assistant: Eitan Newman

Course Type: lectures and field work

Course Level: M.Sc, PhD, B.Sc/B.A.

Pre-Requisites:

Open water diving certificate with 25 recorded dives, or advanced open water certificate with 20 recorded dives, **Full medical completion PRIOR to course.**

Participation is not possible without the medical received by May 10, 2023.

Course Overview:

Course description: The course brings students through training for qualification as basic scientific divers within the AAUS system (certified to do scientific work to 12 m). The primary training will give the students the ability to perform elementary scientific field tasks.

Topics:

- Survey preparation
- measuring underwater (depth, objects, distances)
- Buoyancy
- Task-loading
- using instruments
- Environmental awareness
- Permits and Permissions
- Planning Scientific Dive
- Photographing Underwater
- Safety Planning

Requirements

100% Attendance

Grading:

40% Final Assignment/Project (all parts--dso/prep/explanation/execution/debrief)

30% Final Written Exam

10% Underwater Exam (both content and buoyancy element-test on slates)

20% Performance (In water/out of the water/effort/improvement
/safety/cooperation/teamwork/buddy work)

Website: [Moodle](#)