

Marine Geosciences, schedule

Semester A

23.10.22-22.2.23

	Sunday		Monday		Tuesday		Wednesday	Thursday
08:00-10:00	Scientific programming with MATLAB Dr. Regina Katsman 224.4981 2 credit Room 572, Main bldg.		Challenges in the Mediterranean Sea Prof. Tamar Lotan Dr. Revital Bookman 227.4068 2 credit 09:00-11:00		An interdisciplinary approach to understanding environmental issues Dr. Michael Lazar, Prof. Daniel Sher 224.5010 2 credit Room 1022, Terrace bldg.			
10:00-12:00	Advanced Mathematics and Physics for Marine Sciences Dr. Regina Katsman 224.4041 2 credit Room 1003, Terrace bldg.		***Mediterranean seminar and field trips Prof. Tamar Lotan Dr. Revital Bookman 227.4069 2 credit 11:00-12:00		Drone-based environmental research-A Dr. Yoav Lehahn Dr. Anna Brook 224.5011 2 credit Room 2014, Terrace bldg.		Seafloor Morphology Dr. Michael Lazar 224.4036 2 credit	
12:00-14:00	Limnology and Limnogeology Dr. Nicolas Waldmann 224.4033 2 credit Room 1003, Terrace bldg.		Geophysical Methods in the Marine Environment Research Prof. Yizhaq Makovsky 224.4007 2 credit Room 607, Main bldg.				Selected Topics in Coastal Environments Dr. Michael Lazar 224.4009 2 credit Room 274, Student bldg.	
14:00-16:00	Geology of Marine Sediments Dr. Revital Bookman 224.4015 2 credit Room 1003, Terrace bldg.	Basics of signal analysis Prof. Roei Diamant 229.4009 2 credit Room 108, multi-purpose bldg.	Departmental Seminar Dr. Nicolas Waldmann 224.4003 Zoom class. 14:00-15:00	School Seminar* Prof. Smadar Ben-Tabu de leon 224.4444 Sfadia auditorium 14:00-15:00			Geology of the eastern Mediterranean Prof. Uri Schattner 224.4004 2 credit Room 274, Student bldg.	
16:00-18:00	Talking Science – student seminar Prof. Uri Schattner 224.4982 1 credit 16:15-17:15 Room 108, multi-purpose bldg.							

Obligatory- ■ nonobligatory- ■

* **School seminar** (224.4444) takes place three times per semester-**7.11.2022, 12.12.2022, 16.1.2023**

Scientific Diving Course 227.4058- will give by Prof. Tali Mass, Dr. Beverly Goodman-Tchernov and - 4 credit. **6-17.11.22-** Registration through the department office, subject to the lecturer's approval.

Field trips: **Dead Sea as an analogue for the Deep Sea** (224.4990) - Dr. Nicolas Waldmann - 3 lectures + 3 days- 27-19.12.22. **From the Tethys to the Mediterranean** (224.5001) - Dr. Nicolas Waldmann - 3 lectures + 3 days- 14-15.12.22, 18.12.22

IUI-Eilat: Students may also take courses at the IUI-Eilat (<http://www.iui-eilat.ac.il/Courses/Courses.aspx>) upon approval of their supervisor and the Educational Committee.

Red Sea Marine Sedimentology, Dr. Beverly Goodman-Tchernov. January 4-13, 2023

Marine Geosciences, schedule

Semester B

28.2.23-20.6.23

	Sunday	Monday	Tuesday	Wednesday	Thursday
08:00-10:00					Educational cruise - lab work A-E
10:00-12:00	Scientific Writing Dr. Beverly Goodman-Tchernov 224.4035 2 credit Zoom class	Geochemical Oceanography Prof. Barak Herut 224.4011 2 credit	Processing and Imaging of seismic data Prof. Yizhaq Makovsky 224.4022 2 credit	Quaternary dating methods Dr. Revital Bookman 224.4993 2 credit	
12:00-14:00	Time Series Analysis* Prof. Boris Katznelson 224.4043 2 credit	Numerical methods in Continuum Physics* Dr. Regina Katsman 224.4012 2 credit	Drone-based environmental research-B Dr. Yoav Lehahn Dr. Anna Brook 224.5012 2 credit	Seismic Interpretation Prof. Uri Schattner 224.4017 2 credit	
14:00-16:00	Talking Science – student seminar Prof. Uri Schattner 224.4983 1 credit 14:15-15:15	Departmental Seminar Dr. Nicolas Waldmann 224.4003 14:00-15:00	School Seminar** Prof. Smadar Ben-Tabu de Leon 224.4444 14:00-15:00	Practical Petrophysics and Logging Dr. Nicolas Waldmann 224.4999 2 credit	Selected topics in Surface Ocean - lower atmosphere science Dr. Yoav Lehahn 224.4992 2 credit
16:00-18:00		Physical Oceanography Dr. Yoav Lehahn Prof. Smadar Ben Tabu de Leon 224.4998 2 credit 15:00-17:00	Introduction to Flow in Porous Media Dr. Regina Katsman 224.4039 2 credit		

Obligatory- nonobligatory-

* Prerequisite: **Advanced Mathematics and Physics for Marine Sciences** (224.4041)

** **School seminar** (224.4444) takes place three times per semester. **13.3.2023, 17.4.2023, 5.6.2023**

Obligatory- Educational cruise (224.4021)

Practical Courses A-E are only for students registered in Semester B to Educational Cruise. Students will be registered for each practical by the Educational Cruise Coordinator. Courses at the IUI-Eilat (<http://www.iui-eilat.ac.il/Courses/Courses.aspx>) upon approval of their supervisor and the Educational Committee.