

Marine Geosciences, 2021 schedule

Semester A

10.10.2021-14.01.2022

	Sunday	Monday	Tuesday	Wednesday	Thursday
08:00-10:00		Challenges in the mediterranean Sea Prof. Tamar Lotan Dr. Revital Bookman 227.4068 Room 5007, Rabin building 2 credit 09:00-11:00			
10:00-12:00	Advanced Mathematics and Physics for Marine Sciences Dr. Regina Katsman 224.4041 Zoom class	****Mediterranean seminar and field trips Prof. Tamar Lotan Dr. Revital Bookman 227.4069 2 credits Room 5007, Rabin building 11:00-12:00	מדע, חינוך ואמנות בפתרון בעיות סביבתיות Dr. Daniel Sher Dr. Michael Lazar 227.5003 2 credits Room 165, Main building <i>Hebrew course</i>	Seafloor Morphology Dr. Michael Lazar 224.4036 Room 272, multipurpose bldg.	
12:00-14:00	Limnology and Limnogeology Dr. Nicolas Waldmann 224.4033 Room 130, multipurpose bldg.	Geophysical Methods in the Marine Environment Research Terrace Bldg., room 2014 Dr. Yizhaq Makovsky 224.4007	Geology of Marine Sediments Dr. Revital Bookman 224.4015 Terrace Bldg., room 1022	Selected Topics in Coastal Environments Dr. Michael Lazar 224.4009 Room 272, multipurpose bldg.	
14:00-16:00	Basics of signal analysis Dr. Roei Diamant 229.4009 ש"ס 2 Haifa University Multipurpose Building room 108	Departmental Seminar Dr. Nicolas Waldmann 224.4003 Terrace Bldg., room 3043 14:00-15:00 Satellite oceanography Dr. Yoav Lehahn 224.4991 15:00-17:00 Room 272, multipurpose bldg.	School Seminar* Prof. Smadar Ben-Tabu de leon 224.4444	Geology of the eastern Mediterranean Dr. Uri Schattner 224.4004 Terrace Bldg., room 1021	
16:00-18:00					

Obligatory- nonobligatory-

* **School seminar** (224.4444) takes place three times per semester- 26.10.21; 28.12.21 , 23.11.21

** **Obligatory: two days of field trips 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. Paleoceanography of the Red Sea: Dr. Revital Bookman and Prof. Adi Torfstein. Given every second year

Marine Geosciences, 2021 schedule

Semester B

20.02.22-10.06.22

	Sunday	Monday	Tuesday	Wednesday	Thursday	
08:00-10:00		Quaternary Dating Methods Dr. Revital Bookman 224.4993				
10:00-12:00	Scientific Writing Dr. Beverly Goodman-Tchernov 224.4035		Numerical methods in Continuum Physics* Dr. Regina Katsman 224.4012	Geochemical Oceanography Prof. Barak Herut 224.4011	1. Practical course A Dr. Revital Bookman 224.5000 (10:00-11:00)	
12:00-14:00	Time Series Analysis* Prof. Boris Katznelson 224.4043	Processing and Imaging of seismic data Dr. Yizhaq Makovsky 224.4022	Selected topics in Surface Ocean - lower atmosphere science Dr. Yoav Lehahn 224.4992	מערכת ים תיכון ד"ר אורי שטנר 225.5530 Hebrew course	2. Practical course B Dr. Yoav Lehahn 224.5002 (11:00-12:00)	
14:00-16:00	Practical Petrophysics and Logging Dr. Nicolas Waldmann 224.4999	Departmental Seminar Dr. Nicolas Waldmann 224.4003 14:00-15:00 Physical Oceanography Dr. Yoav Lehahn Prof. Smadar Ben Tabu de Leon 224.4998 15:00-17:00	מדע, חינוך ואמנות בפיתוח בעיות סביבתיות Dr. Danie Sher Dr. Michael Lazar 227.5003 2 credits Hebrew course	School Seminar** Prof. Smadar Ben-Tabu de Leon 224.4444	3. Practical course C Dr. Beverly Goodman-Tchernov 224.5003 (12:00-13:00) 4. Practical course D Dr. Nicolas Waldmann 224.5004 (13:00-14:00) 5. Practical course E Dr. Yizhaq Makovsky 224.5005 (14:00-15:00)	Remote sensing of near-shore systems Dr. Yoav Lehahn 224.5006
16:00-18:00			Introduction to Flow in Porous Media Dr. Regina Katsman 224.4039	Seismic Interpretation Dr. Uri Schattner 224.4017		

Obligatory- nonobligatory -

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

** **School seminar** (224.4444) takes place three times per semester.

Obligatory- Educational cruise (224.4021)

Scientific Diving Course 227.4058- will give by Dr. Tali Mass, Dr. Beverly Goodman and Dr. Tali Treibitz- Tchernov- 3 credit. Registration through the department office, subject to the lecturers approval.

Field trips:

From the Tethys to the Mediterranean (224.5001) - Dr. Nicolas Waldmann - 3 lectures + 3 days

Dead Sea as an analogue for the Deep Sea (224.4990) - Dr. Nicolas Waldmann - 3 lectures + 3 days

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.