

Environmental Geology

Course No.	Course Title	Weekly teaching hours	Weekly tutorial hours	Weekly lab hours	Field Exc.	No. of Credits	Semester
206-12031	Introduction to Environmental Oceanography	3	-	-	-	3	A
206-12191	Introduction To Geochemistry	2	1	-	-	2.5	B
206-23951	Stable and Radioactive Isotopes in Aqueous Systems	3	-	-	-	3	B
206-13781	Stable Isotopes in the Marine Environment	1	-	1	1	2.25	B
קורסי חובה נוספים							
206-24261	Seminar A	2	-	-	-	0	A
206-24271	Seminar B	2	-	-	-	0	B
206-24321	Research Seminar	1	-	-	-	1	B
206-25341	Seminar C	2	-	-	-	0	A,B
206-28880	Research	-	-	-	-	15	A,B
900-52001	Training in Chemical Safety	2	-	-	-	0	A,B
<p>* Beyond 27 credits required for the degree</p> <p>Courses numbered 206-1 are first degree courses; those above 2nd year level may be considered with prior approval.</p> <p>Electives for the environmental/oceanographic track. At least 9 credits from the following list:</p>							
206-13733	Atomic Absorption Spectrometry	-	-	1	-	0.5	A,B
206-13751	Biogeochemistry of the Coral Reef	3	-	-	-	3	A,B

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206 -13761	Research Methods in Oceanography	3	-	-	-	3	A
206-13831	Methods in Evolutionary Paleobiology	2	-	-	-	2	A
206-23801	Hydrology	2	1	-	-	2.5	B
206-23881	Proxies for Paleoclimate and Paleooceanography	2	-	2	2	3.5	B
206-23891	Marine Sedimentology: Collection, Description and Interpretation of Red Sea Sediments	3	-	-	-	3	A
206-23911	Organic Fuel Science	2	-	-	-	2	
206-23991	Chemical Oceanography	3	-	-	1	3.25	B
206-24051	Hydrogeologic Systems-Conceptual Models and Hydrologic Basins	2	-	-	-	2	A,B
206-24071	Geomicrobiology	2	-	-	-	2	B
206-24191	Geochemistry of Water	2	-	-	-	2	A
206-24561	Stratigraphic Micropaleontology	2	-	2	-	3	A,B
206-24601	Advanced Analytical Geochemistry	2	-	-	-	2	A
206-24631	Environmental Organic Geochemistry	2	2	-	-	3	B
206-25031	Limnology and Water Quality – Physical, Chemical and Biological Processes in Lake Kinneret	2.5	-	-	-	2.5	B
206-25081	Migration of Solutes and Contaminants in Groundwater	2	1	-	-	2.5	A
206-25151	Isotopic Geochronology and Paleotemperature Determination	2	-	-	-	2	A

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206-25191	Paleoecology	2	-	-	1	2.25	A
206-25211	Igneous Petrology	2	-	-	-	2	A
206-25231	World Stratigraphy	2	-	-	-	2	A
206-25261	Flow and Transport in the Unsaturated Zone	2	1	-	-	2.5	B
206-25501	Introduction to Physical Oceanography	1	-	-	-	1	B
206-25311	Groundwater Hydrology	2	1	-	-	2.5	A
206-25331	Topics in Physical Oceanography	2	-	3	-	3.5	B
206-25381	Applied Micropaleontology	1	-	3	2	3	B
206-25901	Analytical Methods in Geochemistry	2	1	1	-	3	B
206-26011	Introduction to Flow and Transport Processes in Streams	3	-	-	-	3	
206-26061	Foraminifera as Bioindicators of Marine Environments	1	-	2	2	3	B
206-26181	Basin and Petroleum Systems Modeling: Applications for Conventional and Unconventional Pet	1				1	A
206-29321	Problems in Water Pollution	2	-	-	-	2	A