

Geology and Biology

Recommended program

Course No.	Course Name	No. of Credit	Course No.	Course Name	No. of Credit
Semester 1			Semester 2		
201-19141	Calculus C1	5.00	205-19402	Biostatistics	5.00
204-15081	General and Analytical Chemistry	5.50	203-11331	Physics 1C	4.00
205-19011	The Cell	2.50	204-11543	General Chemistry - Laboratory	2.00
206-11031	Introduction to Minerals and Rocks	4.25	204-11621	Introduction to Physical Chemistry 1	3.00
206-11051	Geometrical Crystallography	1.00	206-11041	Introduction to Dynamic Geology	3.50
206-11134	Minerals and Rocks in the Field	0.75	206-11121	Introduction to Paleontology	2.00
299-11121	Library Orientation	0.00	206-11151	Introduction to Fossils	3.25
900-55001	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0.00	153-15051	Advanced English B (Or in Semester 1)	2.00
900-52012	Training in Chemical & Biological Safety	0.00		Total	24.75
	Total	19.00			
Semester 3			Semester 4		
201-19281	Introduction to Linear Algebra C	3.50	204-15042	Introduction to Organic Chemistry - for Life Sciences and Geology students	5.00
203-11431	Physics 2C	4.00	206-12041	Stratigraphy (Or in Semester 6)	2.00
205-11021	Invertebrate Zoology	2.25	206-12121	Igneous and Metamorphic Petrology	3.25
205-11031	Vertebrate Zoology	2.75	206-12191	Introduction to Geochemistry	3.00
206-12071	Introduction to Geomechanics	2.50	206-12251	Mapping	4.50
206-12181	Sedimentology	3.00	206-12341	Programming for Earth sciences	1.50
206-12241	Mineralogy	3.00		Total	19.25
206-12284	Geological Excursion to the Negev	1.00			
206-13391	Introduction to Hydrology	2.50			
	Chemical and biological safety training	0.00			
	Total	24.50			
Semester 5			Semester 6		
205-11611	Genetics A	3.00	206-13091	Plate tectonics	2.50
205-13111	Introduction to Ecology	3.50	206-12261	Geology of Israel A	2.00
206-12311	Structural Geology	3.50	206-13531	Seminar (and Student Seminar)	2.00
206-13041	Introduction to Geophysics	2.50		Track elective; Departmental elective; unrestricted credits	10.00
	Track elective; Departmental elective; unrestricted credits	5.50		Total	16.50
	Total	18			
205-13171	Evolution*	3.00			
			Total		122.00

* Elective, highly recommended

At least 4 elective credits must be taken within the department (206...)