

Engineering Geology Track

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	201-19151	Calculus C2	5.00
201-19281	Introduction to Linear Algebra C	3.50	203-11331	Physics 1C	4.00
204-15081	General and Analytical Chemistry	5.50	204-11621	Introduction to Physical Chemistry 1	3.00
206-11031	Introduction to Minerals and Rocks	4.25	206-11041	Introduction to Dynamic Geology	3.50
206-11051	Geometrical Crystallography	1.00	206-11121	Introduction to Paleontology	2.00
206-11134	Minerals and Rocks in the Field	0.75	206-11134	Advanced English B	2.00
206-11134	Introduction to Structural Mechanics	1.00			
299-11121	Library Orientation	0.00		Total	19.50
900-55001	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0.00			
	Total	24.00			
Semester 3			Semester 4		
203-11431	Physics 2C	4.00	206-12041	Stratigraphy (Or in Semester 6)	2.00
206-12071	Introduction To Geomechanics	2.50	206-12121	Igneous and Metamorphic Petrology	3.25
206-12174	Field Trip in Geomechanics (Or at Semester 5)	0.50	206-12191	Introduction to Geochemistry	3.00
206-12093	Soil Mechanics Laboratory	1.00	206-12251	Mapping	4.50
206-12181	Sedimentology	3.00	206-23921	Reservoir Rock Mechanics	2.50
206-12241	Mineralogy	3.00	206-12341	Programming For Earth sciences	1.50
206-12284	Geological Excursion to the Negev	1.00		Track elective; Departmental elective; unrestricted credits	2.00
206-13391	Introduction to Hydrology	2.00			
	Track elective; Departmental elective; unrestricted credits	3.00		Total	18.45
	Total	21.00			
Semester 5			Semester 6		
201-19091	Introduction to Probability A	2.50	201-19421	Introduction to Statistics A	2.50
206-12311	Structural Geology	3.50	206-12261	Geology of Israel A	2.00
206-13041	Introduction to Geophysics	2.50	206-13091	Plate tectonics	2.50
206-23861	Rock Tunneling	2.25	206-13531	Seminar (and Student Seminar)	2.00
	Track elective; Departmental elective; unrestricted credits	9.00	206-13993	Rock Mechanics Laboratory	2.00
				Track elective; Departmental elective; unrestricted credits	8.00
	Total	19.75		Total	19.00
				Total	122.00