



Faculty of Earth Sciences



Department of Mineral Resources & Rocks 3rd & 4th Years Program



The Geological Society
Accredited degree courses

B. SC. PROJECT

Course Name	Course ID	Prerequisite
<i>B. SC. PROJECT</i>	<i>EMR 499</i>	<i>EMR 399</i>

B.SC. PROJECT (EMR 499)

Lab. Work

Day	Program
1-3	Review the available published and unpublished reports on the selected area. Studying the Geology, structure, stratigraphy, and mineralization.
4-12	Student training and mapping of the study area with different scales by using aerial photographs and satellite images.
13-16	-Construction of simplified geologic map taking in consideration changes in lithology, visible mineralizations, and structural elements - Construction of surface profiles
17-22	-Sampling of different rock types on profiles for the purposes of petrographical, mineralogical, and geochemical studies. - Sampling of stream sediments in the area of mineralization
22-25	Preparations of samples for analyses and samples selection for the microscopic studies and chemical analyses
25-28	Writing reports

Lab. Work (Last Semester)

Week	Program
1-6	Laboratory work (Microscopic studies, XRD, XRF, etc.)
7-10	Data compilation, representation, interpretation
11-13	Presentation (writing reports and power point presentation)
14	Assessment