



Faculty of Earth Sciences



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



The Geological Society
Accredited degree courses

TRAINING IN SPECIALIZATION

Course Name	Course ID	Prerequisites
<i>TRAINING IN SPECIALIZATION</i>	<i>EMR 399</i>	<i>ESR 301/ EMR 332</i>

Course Description

Field training to recognize mineral deposits, their occurrence in nature and their methods of study (3 weeks) or training in a specialized company as required by the department.

Course Objectives

1. Students will have field training for 3 weeks to recognize geological characteristics of mineral deposits.
2. Students will have training in a specialized company.
3. Students will be acquainted with some field and laboratory techniques.
4. Students will be trained on writing reports on particular mineral deposits.

General References for the Course: (Books/Journals...etc.)

Students in this course can read from:

1. *Geology in the Field*, by Compton, R.R., 1985. John Wiley & Sons, Inc., New York.
2. *Minerals Deposits in KSA*, by Al Shanty A.M.S., 2005. Centre of Scientific Publication, King Abdulaziz University, Jeddah, KSA, 312p. (In Arabic)
3. *Modern Analytical Geochemistry*, by Gill, R.C.O., 1997. Longman.
4. *Using Geochemical Data: Evaluation, Presentation, and Interpretation*, by Rollinson, H.R., 1993. Longman Group Limited.

List of URLs for this Course

- <http://www.sgs.org.sa/>
- <http://www.uc.edu/geology/geologylist/index.html>
- <http://geology.about.com/od/mineralsresources/>

Course Outcome

By the end of this course, the students should:

1. Student can gain field skills particularly in recognizing the geological characteristics of mineral deposits.
2. Student can have professional training in a specialized company.
3. Student can be acquainted with some field and laboratory techniques.
4. Student can be familiar with writing reports on particular mineral deposits.
5. Student can be able to present and discuss the obtained data and results.