

Graduation Project (1) – GPH 496

Course title and code: Graduation Project (1) – GPH 496

Level/year at which this course is offered: Level 7- 4th year

Pre-requisites for this course (if any): Gph 393, Gph 381

The main purposes of the course: To develop the skills needed to achieve the following objectives:

- Set the goals for the project (defining the geological/environmental/engineering problem)
- Collect and study previous works and literature review about the problem in hand and/or the study area.
- Select the most appropriate geophysical methods to achieve the set goals.
- Design and implement the geophysical field survey, if appropriate.

List of Topics

- Defining the research problem – developing theoretical background
- Reviewing the previous works and literature review
- Field work and collection of data / processing of data
- Integration of available data
- Qualitative interpretation of data / statistical analysis