

List of Specialization Courses- APPLIED GEOLOGY – GEOPHYSICS

1st SEMESTER (Hours per week, ECTS)

EGG-Y01 ADVANCED ELEMENTS OF STRUCTURAL GEOLOGY (4, 10)
EGG-Y02 ADVANCED ELEMENTS OF ENGINEERING GEOLOGY (4, 10)
EGG-Y03 GEOLOGICALLY APPLIED GEOPHYSICS (4, 10)

2 ND SEMESTER

EGG-Y04 GEO-INFORMATICS - MAPPING (4, 10)
EGG-Y05 APPLIED HYDROGEOLOGY (4, 10)
EGG-Y06 SEISMOLOGY – ENGINEERING SEISMOLOGY (4, 10)

3 RD SEMESTER *Elective Courses (3 to be selected)*

EGG-E01 ENGINEERING AND ENVIRONMENTAL GEOPHYSICS (4, 10)
EGG-E02 ADVANCED ELEMENTS OF SOIL AND ROCK MECHANICS (4, 10)
EGG-E03 SEISMOTECTONICS (4, 10)
EGG-E04 GEOLOGY OF PUBLIC WORKS (4, 10)
EGG-E05 ADVANCED ELEMENTS OF CONTEMPORARY SEISMOLOGY (4, 10)
EGG-E06 DATA ANALYSIS AND GEOSTATISTICS (4, 10)
EGG-E07 TECTONIC STRUCTURES AND GROUNDWATER (4, 10)

4 TH SEMESTER

Postgraduate Dissertation 30