FIELD CLASSES

ESR 211 Introduction to Structural Geology	**Field Objective**	- Recognition of primary and secondary structures. - Geometric classification of structural elements.
	Time	One day
	Skills Taught	- Using of Compass in measuring planar and linear elements. - Drawing structural sketches and cross-sections. - Writing simplified geologic report.
ESR 311 Analysis of Directional Data	**Field Objective**	- Geometric analysis of structural elements.
	Time	One day
	Skills Taught	- Measuring the different structural elements. - Plotting of different structural elements. - Interpretation of stereographic projection.
ESR 313 Fracture analysis	**Field Objective**	- Recognition of fracture systems and sets. - Geometric and genetic classification of fracture systems. - Field relations of fracture sets. - Relation of fractures to other structures.
	Time	One day
	Skills Taught	- Measuring the attitudes of fracture surfaces. - Determination of the chronology of different fracture sets. - Writing brief report.
ESR411 Advanced Structural Geology	**Field Objective**	- Kinematic analysis of structural elements.
	Time	One day
	Skills Taught	- Determine mechanism of folding. - Determination of sense of movement along faults. - Reveal the structural evolution of a simple area. - Writing comprehensive geologic report.
ESR 431 Geomorphology	**Field Objective**	- Recognition of the different geomorphic features.
	Time	One day
	Skills Taught	- Drawing sketches for the recognized geomorphic features. - Revealing the relation between geomorphologic features and structural elements - Writing a report about the geomorphology of the visited area.