

GEOS5370 - Structural Analysis

[GEOS 5370](#) Structural Analysis (3 semester credit hours) Application of structural geology concepts used to unravel the deformational history of rocks and regions. Topics include characterization and analysis of superposed brittle and ductile structures, assessment of displacement and strain fields, construction of inverse and forward structural sections and volumes, and integration of surface and subsurface data. Course requires familiarity with assigned reading assigned reading from the professional literature and oral and written presentations. Face-to-face discussion will be combined with online activities. Instructor consent required. (3-0) T