

Geo 322: Metamorphic Petrology

3(2+1)

Factors of metamorphism, grade of metamorphism, types of metamorphism, facies of metamorphism, metamorphic rocks, Metamorphic texture, mineral chemistry, geobarometry, mechanisms of metamorphic rocks – geochemistry of metamorphic rocks and its relationship with their tectonic settings – types of metamorphism- field relations – metamorphic textures – metamorphic zones – metamorphic reactions and P-T-Depth paths. (Three days field trip)