

GEOS3464 - Igneous and Metamorphic Petrography

[GEOS 3464](#) Igneous and Metamorphic Petrography (4 semester credit hours) Introduction to the petrographic microscope and its use for study of igneous and metamorphic minerals and rocks. Identification and classification of volcanic and plutonic igneous rocks and metamorphic rocks and their identification in thin sections. Introduction to igneous and metamorphic petrogenesis. Prerequisites: [CHEM 1111](#) and [CHEM 1112](#) and [CHEM 1311](#) and [CHEM 1312](#) and [GEOS 1103](#) and [GEOS 1104](#) and [GEOS 1303](#) and [GEOS 1304](#) and [GEOS 2409](#). (3-3) Y