



## Course: Igneous Petrology

### Topics of Research Subjects

1. Classification of gabbroic rocks of Egypt.
2. Magma formation and their relation to plate tectonics.
3. Textures of igneous rocks
4. Magma crystallization and binary eutectic phase diagrams.
5. Magma crystallization and solid solution phase diagrams.
6. Classification of granitic rocks of Egypt.
7. Earth's interior, layers and physical properties
8. Nature, origin, source and crystallization of magma.
9. Magmatic differentiation and types of magma chambers.
10. Abundance and distribution of igneous rocks and their relation to plate tectonics

رئيس مجلس القسم

(أ.د./علاء سالم)

القائم بالتدريس

(أ.د./المتولى لبدية)