



- \* be able to manufacture a thin section
- \* be able to study igneous and metamorphic rocks in thin section

**Value outcomes**

Upon completion of this course students will:

- \* be able to understand the critical importance of igneous and metamorphic processes and rocks on Earth's geological evolution

**V. Unless stipulated in this master syllabus by the department, the following items are subject to faculty discretion in each faculty member's individual course outline/syllabus:**

**Course Requirements** (grading/evaluation procedures; class attendance policy; term papers; projects; field assignments; examinations; class participation; etc)

A combination of lecture exams ( 2 to 4), lab exams (2 to 4), lab exercises (8-12), and field trips (1-3).

**Required texts**

A lecture text or texts on igneous petrology and metamorphic petrology; and a lab text on optical mineralogy.

Department Head Signature/Date

\_\_\_\_\_  
Signature

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Date