

MATERIALS SCIENCE (MS)

MS 201

Materials Science

The scientific principles determining the structure of metallic, polymeric, ceramic, semiconductor and composite materials; electronic structure, atomic bonding, atomic structure, microstructure and macrostructure. The basic principles of structure-property relationships in the context of chemical, mechanical and physical properties of materials.

Prerequisite(s): (CHEM 124 and MATH 151) or CHEM 122

Lecture: 3 Lab: 0 Credits: 3