Course Number GEO-220-01 Course Description

Study of the diverse solid materials that make up most of our planet, many of our industrial resources and materials, and most of our precious gems. We will examine the nature of the external and internal symmetry of crystals, chemical bonding and substitution in crystal lattices, mineral properties, crystal optics, and the identification of minerals by physical, chemical, optical, and X-ray diffraction techniques.

Academic Term 20/WI Instructor Hollocher, Kurt Location & Meeting Time Olin Building-307+ T/TH 09:00AM-10:45AM LEC Petition Y Credits 1.00 Capacity 15 **Total Students** 9 Additional Information http://www.union.edu/Geology **Interdisciplinary Programs** Science, Medicine & Tech in Cu Academic Department Geology Field Of Study Geology (GEO)