Course Number
GEO-302-01
Course Description
This course investigates the Earth as a chemical system and the use of chemical tools to understand geologic processes. Topics include origin of the elements, formation and differentiation of the earth, igneous processes, radioactive isotopes and radiometric dating, and geochemistry of near-surface waters and the oceans. Work includes theory, sample collection, sample preparation, chemical analysis using in-house equipment, and computer modeling of the analyzed geochemical systems using the acquired data. Clear writing, data presentation, and discussions of the contemporary geochemical literature are important components of this course.
Academic Term
21/WI
Instructor
Hollocher, Kurt
Location & Meeting Time
Synchronous Online-ONLI T/TH 09:05AM-10:50AM LEC
Petition
Y
Credits
1.00
Capacity
12
Total Students
5
Additional Information
http://www.union.edu/Geology
Interdisciplinary Programs
Environmental Science & Policy
Academic Department
Geology
Field Of Study
Geology (GEO)