

66-328 Environmental Geochemistry

Learning Outcomes

Last Updated: May 11, 2018

(Sa180511-5.5.2f)

Learning Outcomes <i>This is a sentence completion exercise.</i> <u>At the end of this course, the successful student will know and be able to:</u>	Characteristics of a University of Windsor Graduate <u>A U of Windsor graduate will have the ability to demonstrate:</u>
A. Describe the global cycling of elements in environmental systems. Discuss the role of element cycles and isotopes in the environment.	the acquisition, application and integration of knowledge
B. Collect, describe, and interpret geochemical field and laboratory data. (also relevant to D) Prepare written scientific reports. (also relevant to F)	research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C. Critically evaluate the geochemical behavior of metals in the environment	critical thinking and problem-solving skills
D. Write a research term paper on an environmental geochemistry topic. (also relevant to B)	literacy and numeracy skills
E.	responsible behaviour to self, others and society
F. Present a seminar on environmental geochemistry	interpersonal and communications skills
G. Interact with peers in a group setting to discuss environmental geochemistry topics. (also relevant to G)	teamwork, and personal and group leadership skills
H.	creativity and aesthetic appreciation
I.	the ability and desire for continuous learning