

**GEOV 342 Spring 2018**  
**Radiogenic and Stable Isotope Geochemistry**

No books are required for purchase: The following resources will be useful for the students:

Excellent Isotope text and class notes from Cornell University:

<http://www.geo.cornell.edu/geology/classes/Geo656/656notes05.html>

Useful online material from UiT:

<http://ansatte.uit.no/kare.kullerud/webgeology/>

Radiogenic Isotope Geology (text, online)

Alan P. Dickin, Cambridge Univ. Press

<http://www.onafarawayday.com/Radiogenic/>

Additionally, there are a number of excellent textbooks available for both general background and specific applications. E.g. one of the better ones for stable isotope geochemistry is: **Stable Isotope Geochemistry, by Hoefs, Jochen, 6th ed. 2009**

**Problem sets are obligatory and must be completed satisfactorily (largely correct) for course completion. Students will also be expected to give a short presentation in class on an isotope system/application of their choice. A semester essay is required (~3000-3500 words) and will be graded (Due June 1).**