

**GEOGRAPHY 313 H(3-2) (AREAIII)  
SOILS AND VEGETATION**

**Timetable:** FALL SESSION**Catalogue:** 1876

Lec 01 MWF	09:00	50	SA 106
Lab 01 M	TBA	110	ES 355
Lab 01 W	TBA	110	ES 355

**Instructor:** Dr. Dana Naldrett  
**Office:** ES422  
**Office Hour:** TBA  
**Phone:** 220-1932  
**Email:** naldrett@ucalgary.ca

**TA:** David Lieske  
**Office:** ES 410

**Course Content:**

Soil physical, chemical and biological properties, and the environmental and spatial relationships of vegetation patterns. The patterns and processes of world vegetation are related to the associated soils.

Labs consist of activities designed to understand better the factors contributing to plant community characteristics: natural and human induced changes in soils and vegetation and recognize important physical chemical and biological priorities of soils through laboratory testing.

**Grading:**

First intra-session exam	25%
Second intra-session exam	25%
Third intra-session exam	20%
laboratory projects	30%

Students must carry out all four grading components and earn an overall 50% or higher to pass the course. Note that because some of the group projects are presented in labs, none of the projects will be accepted late.

Percentages below indicate the standard required for each letter grade; these (standards) may be lowered but will not be raised.

90.0 – 100	A
85.0 – 89.9	A-
80.0 – 84.9	B+
76.0 – 79.9	B
72.0 – 75.9	B-
67.0 – 71.9	C+
63.0 – 66.9	C
59.0 – 62.9	C-
54.0 – 58.9	D+
50.0 – 53.9	D
0 – 49.9	F

**No Required Text**

**Recommended Text:**

Dickinson and Murphy, *Ecosystems*, Routledge, New York, 1998.

Brady and Weil, *The Nature and Properties of Soils* Prentice Hall, Upper Saddle River NJ, 1996, 12<sup>th</sup> ed. (Note- This text also is the recommended text for Geography 413,- Soil Characteristics and Formation)

Prerequisite: Geography 201, Geology 201, 209 or permission of the Department

**Re: Posting of Grades and Picking-up of Assignments**

- Assignments will be handed back only in class or by the Professor at pre-arranged time(s)
- If you would like to receive your assignment through the mail, please include an appropriately sized self-addressed, stamped envelope with your assignment when you hand it in to the professor
- Posting of grades will be at the discretion of each Professor and, if posted, they will be scrambled. Please note, grades will not be available in the Geography office

**Contact Information for Student and Faculty Representation**

- SU VP Academic Phone: 220-3911 and e-mail: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)
- SU Faculty Rep. Phone: 220-3913 and e-mail: [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca)