

GEOG 203: Environmental Systems
Section 2 – Soil Formation / Soil Erosion / Biogeochemical Cycling in Drainage Basins

Outline and specific readings
October 11th – November 3rd 2006 (12 Lectures)
Mid-Term – November 8th 2006

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Schedule of Lectures and readings

<u>Dates</u>	<u>Topics and readings</u>
Oct 10 th	Introduction to section 2. Rocks and minerals Tx. p. 329-352
Oct 11 th	Physical and chemical weathering – Processes and controls Tx. p.419-426
Oct 13 th -18 th	Introduction to soil – soil formation. Processes and controls Coursepack p. 39-66, <u>AND</u> Tx. p. 625-658 <u>Assignment #2 distributed on October 16th 2006</u>
Oct 20 th – 23 rd	Soil Erosion Coursepack p. 67-74 <u>AND</u> p. 75-80.
Oct 25 th – 27 th	Biogeochemical cycling Tx. p. 676-683 <u>AND</u> Coursepack p. 81-86 <u>AND</u> p. 87-94
Oct 30 th	Deforestation Coursepack p. 95-100
Nov 1 st – 3 rd	Acid precipitation Coursepack p. 101- 127. <u>Assignment #2 due November 1st 2006</u>
Nov 6 th	Start of Section 3 – Prof. Gail Chmura
Nov 8 th	<u>MID-TERM on SECTION 2 – IN CLASS</u>