Rationales for Course Material Overlap

WST 230: Watersheds and Hydrology

ENVS 181 – Terrestrial Environment (5%)

- ENVS 181 has subject matter overlap in terms of watersheds and hydrology topics; there will be lecture material which will overlap some of the WST 230 content. The ENVS 181 material will be introductory and WST 230 significantly more in-depth.

ENVS 183 – Aquatic Environment (15%)

- ENVS 183 introduces students to watersheds among other aspects at a very basic level and several topics will overlap. WST 230 is at a more in-depth level in terms of perspective and real-world applications.

ENVS 184 – Global Climate Change (10%)

- ENVS 184 introduces students the evidence and theory supporting the basis of climate change. In WST 230 we will focus the issue from a scientific basis by examining hydrological determinations (including scientific literature) and studies on ecosystem impacts of climate change on watersheds.

G102/202 – Earth's Dynamic Surface/Earth's Surface Systems (5%)

- Watersheds and hydrology are introduced in a geological systems context. Minor subject matter overlap only.

GS 102 - General Science-Introduction to Watershed Field Methods (5%)

- There is some overlap in terms of field and laboratory techniques between GS 102 (the WST introductory field methods course) and WST 230 in terms of some of the field methods used in WST 230 (which are introduced in GS 102).

GEOG 141 – Natural Environment (10%)

- Because GEOG 141 covers a survey of all aspects of the natural environment, it includes a discussion of both watersheds and hydrological principles and their role as part of the Earth system. WST 230 concentrates on an integrated pedagogical approach relying on lecture, laboratory, and field experiences at a more in-depth and applied approach, building upon other WST fields methods courses.

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