

# ENVST 3390/GEOG 3/5390: Sustainable Streams & Riparian Zones (3 credits)

Counts as an elective for these emphases:

ENVST - Land Management & Place; Air, Water & Health; Climate & Energy

GEOG - Biogeography specialization in Climate & Landscape Dynamics

CMP – Urban Ecology (major), Ecological Planning specialization (master's)

FALL 2019

Fridays

9:40 am-12:40 pm

Gardner Commons  
5825



## Course Description:

This course will provide training in data collection and interpretation of physical, chemical, and biological factors that sustain streams and riparian areas. Social, political and economic factors also will be considered in the context of conservation and restoration of these habitats and the ecosystem services they provide. The course will use readings, videos, discussion, field trips and data collection, laboratory analyses, and a group research project to facilitate student learning. Field-based exercises will be conducted at sites along Red Butte Creek that represent a continuum of wildland and urban areas. Students will collaborate with community partners to apply data collected as part of the class to stream and riparian rehabilitation projects within the watershed.