

*GEO 202- PROCESS GEOMORPHOLOGY*  
Course Description

An understanding of surficial processes is critical to understanding the interaction of man and his environment, and of predicting the deleterious effects of converting rainforest to cow pasture, of straightening out the course of a meandering river, or of building on a steep hillslope or in karst terrain. In addition, an understanding of the connection between modern processes and modern deposits is essential to deciphering the geologic record. This course explores the link between process, landform and deposit. We systematically consider fluvial (river), glacial, slope, eolian, weathering, and karst processes; the landforms that they produce and the deposits that are left behind. The lab component of the course is spent in the field measuring landforms, describing deposits, and collecting samples to be analyzed in the laboratory. Students are required to process their field data, make graphs and interpret their results in 5 written and oral reports. The course is writing intensive (WAC). In addition, we read and discuss 5 published articles and each student is required to present one of these articles to the class.