

University of Victoria
Department of Geography
GEOGRAPHY 424 SUMMER 2015

Clayoquot Sound

Field Studies in Coastal Geomorphology

“The University of Victoria is committed to promoting, providing and protecting a safe working and learning environment for all its members”

The Course

Geography 424 Field Studies in Coastal Geomorphology uses field based examples to convey an understanding of erosion and depositional processes in a marine coastal setting. Contributing factors, such as: tectonics, geology, shoreline topography and geometry, sediments, tides, currents, wave energy, weather and climate variability, based erosion processes, coastal zone ecology and human use, are examined. Rock coasts and beaches are the two primary coastal forms of interest. Although the course focuses on specific sites, the principles learned may be applied in virtually any coastal setting. Field activities include: surveying, sediment analysis, monitoring sediment movement, inventories, etc. The specific sites to be visited and activities will depend on weather and sea conditions and other accessibility constraints

The Instructor

Dr. Jim Gardner is an Adjunct Professor in the UVic Department of Geography and Emeritus Professor at the Natural Resources Institute, University of Manitoba. He is retired and lives most of the time in Victoria where he teaches occasionally and assists with graduate student supervision at UVic. At the U of Manitoba, he assists with graduate student supervision and collaborates with colleagues there on several research projects in various parts of the world. He has taught Geography 424 twice on southern Vancouver Island and this will be the fifth offering at Clayoquot Sound.

He may be reached at jgardner@geog.uvic.ca or jimonsafari@shaw.ca and he will be available, by appointment, on campus in Victoria following the field component.

The Requirements and Grading

Reading of relevant research publications is required. Electronic and hard copy versions of relevant papers will be supplied. A research project/paper relating field observations and measurements and/or based on research literature review is required. On the final day of the field component, brief

and diary/participation 25%. More detailed information on requirements and reading material will be provided at the beginning of the field component.

Grading Framework

A+ A A- B+