

GEOLOGY (GEOL)

GEOL 157 Intro to Northwest Geology

3 Credits

Introduction to the earth science with particular emphasis on the geology of the Northwest. Topics to be studied will include the history and structure of the Earth, rocks and minerals, ore deposits and economic minerals, fossils, volcanic geology, geology of the northwest, glacial geology and origin of local landforms. Anticipated field trips may include some of the following: trips to the Tseax lava flow, a local glacier, one or more mineralized areas, and a historical geology/regional structure trip. (3,3,0)

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOL 158 Historical Geology

3 Credits

A course dealing with the history of the earth and the development of life. Emphasis will be on the history of North America, especially the Mesozoic and Cenozoic histories of British Columbia. Topics will include geologic time, stratigraphy, sedimentation, correlation, plate tectonics, interpretation of geologic history, geologic maps, common fossils and their evolutionary patterns and processes of fossilization. Field work is required and will involve investigations of sedimentary rock units and fossil deposits in the Kitimat, Kalum and Bulkley Valleys. Field work and necessary laboratory work will be arranged on weekends. (3,3,0)

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