

Co-op program: Geology and Geological Engineering

The Co-op Program in Geological Engineering and Geology began in 2001 and 2002 respectively. The Program, although managed by the UBC Faculty of Applied Sciences and Sciences, involves faculty representatives from the Department of Earth & Ocean Sciences.

Overall, the Geological Engineering Program has seen the greater number of students accepted into the program, whereas the participation in the geology program has been steadily growing. The distribution of Co-op students by year is shown in Table 1.

	2001-2002	2002-2003	2003-2004	2004-05
Geological Engineering	10	9	11	20
Geology	3	5	9	5

Examples of employers in Geology include the University of Calgary, Northgate Exploration, Suncor, EnCana Corporation, Science World, Talisman Energy Inc., BHP Billiton, and Science World. Examples of employees in Geological Engineering include AMEC Earth & Environmental, BC Hydro & Power, BGC Engineering Inc., BHP Billiton Diamonds Inc., Bullmoose Operating Corporation, the City of Courtenay, Cominco Engineering Services Ltd., EnCana Corporation, Frontier GeoScientists, the Geological Survey of Canada, Geonorth Engineering, Golder Associates, Greater Vancouver Regional District, Huckleberry Mine, Kemess Mine, Klohn-Crippen Consultants Ltd., Knight Piesold Ltd., Metro Testing Laboratories Ltd, Ministry of Transportation & Highways, Petro-Canada Inc., Placer Dome Inc. RGI Resource GIS and Imaging Ltd., SJ Geophysics Ltd., Stealth Minerals, Suncor Energy Inc., Syncrude Canada Ltd., Teck Cominco Metals Limited, Terracon Geotechnique Ltd., Thurber Group, and Trow Associates.

The long term outlook for the programs is positive. Within the Geology Program there has been discussion to augment the opportunities to include year-long internships in companies. This would occur after the 3rd year.