

## ***Requirements***

Ability to read and write and a desire to learn are the only requirements necessary in making application. No entrance examination is asked.

Students will supply their own notebooks, pens or pencils. They are advised to provide aprons or overalls in the laboratory courses. The University will supply all the materials and apparatus necessary without charge.

Those taking the Mineralogy course are required to provide themselves with a copy of "Dana's Manual of Mineralogy," revised by Ford, 1915 edition, published by John Wiley & Sons.

## ***Board and Lodging***

The University does not supply board and lodging. The University Buildings are at present situated on the corner of Tenth Avenue and Laurel Street, in one of the residential sections of Vancouver, about twenty minutes by car from the general Post Office. Board and lodging can readily be obtained within a reasonable distance.

## ***The following Courses are Offered for 1918:***

**MINING.**—Ores and Economic Minerals; Commercial Considerations; What to look for and where to look in British Columbia; Methods of Prospecting; Surface Indications; Use of Diamond or Core Drills; Preliminary Development of Properties; Tunnels and Shafts; Estimating Amounts and Values of Ores; Sampling Ore; Valuation of Prospects and Mines; Purchase and Sale of Properties; Simple Machinery and Mechanical Devices.

Lecture Course—2 hours per week.—PROF. J. M. TURNBULL.

**SMELTING.**—General Ideas in Regard to Smelting; Iron, Copper, Lead and Zinc Smelting; Adaptability to Different Ores; Selling and Buying of Smelting Ores; Treatment Rates; Concentrating Ores and Milling Methods; Choice between Milling and Direct Smelting.

Lecture Course—2 hours per week.—PROF. J. M. TURNBULL.

**GEOLOGY AND ORE DEPOSITS.**—Effects of Wind, Water and Ice; Vulcanism or Volcanic Action; Rock Alteration; Rock Structures and their Interpretation; Geological History; Underground Waters; Form, Structure and Texture of Mineral Deposits; Classification of Mineral Deposits; Deposits Formed by Rock Weathering; Placer Deposits; Bedded Deposits; Vein Deposits; Deposits Segregated in Igneous Rocks; Pegmatite Vein Deposits; Disseminated Deposits; Regionally Metamorphosed Deposits; Contact Metamorphosed Deposits; Miscellaneous Ore Deposits; Secondarily Enriched Ore Deposits; Coal and Petroleum.

Lecture Course—2 hours per week.—DR. E. T. HODGE.