



## **INTERNATIONALLY EDUCATED GRADUATE WORKING AS A BIostatistician in BC**

### **OVERVIEW**

Biostatistics is a specialized branch of the statistics field that collects, analyzes, examines and interpret conclusions for data related to living things. It requires an understanding of statistical theory and application to work out issues within biological and health science organizations.

Employment as a biostatistician is typically found under a university's public health or medical departments where he/she designs, analyzes, and implements targeted statistical studies geared to further medical knowledge and improve research efforts in public health. They analyze and study the determining factors that impact the health and well-being of people, plants, and animals in order to arrive at conclusions about disorders, disease, or other health risks. With this information, a biostatistician can study the effects of various treatments based on the findings and numbers of the analysis.

Biostatisticians also apply mathematical techniques to the solution of problems in scientific fields such as biological and agricultural sciences, physical science, engineering, economics, computer science or other fields such as operations research, business or management. They also conduct research into the mathematical basis of the science of statistics, develop statistical methodology and advise on the practical application of statistical methodology.

Biostatisticians typically work for universities, governments and health care organizations. They may also teach courses in statistics, data analysis and mathematics at the post-secondary level.

### **EDUCATION/TRAINING/QUALIFICATIONS**

Mathematicians and statisticians usually require a graduate degree in mathematics or statistics. For positions in biostatistics, employers typically look for 2 to 3 years of related experience in clinical trials.

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## RESOURCES

Government of Canada - <https://www.jobbank.gc.ca/marketreport/summary-occupation/5442/ca>

WorkBC - <https://www.workbc.ca/Jobs-Careers/Explore-Careers/Browse-Career-Profile/2161>

## JOB BOARDS

Eluta - <https://www.eluta.ca/Biostatistics-jobs-in-Vancouver-BC>

Glassdoor - [https://www.glassdoor.ca/Job/vancouver-biostatistics-jobs-SRCH\\_IL.0,9\\_IC2278756\\_KO10,23.htm](https://www.glassdoor.ca/Job/vancouver-biostatistics-jobs-SRCH_IL.0,9_IC2278756_KO10,23.htm)

Indeed - <https://ca.indeed.com/Biostatistics-jobs-in-Vancouver,-BC>

Simply Hired - <https://www.simplyhired.ca/search?q=biostatistics&l=vancouver%2C+bc&job=-9Hba-zoFJW2dwFLtn4N1MOpZ6uaqZymESHvaETV7yOmhPC0O0pKQ>

Workopolis - [https://www.workopolis.com/jobsearch/biostatistics-jobs?job=FXDaT5JXzbnn6gtSb3eda5vo0E3dA2c50A4jJxXr2\\_1nHqcN\\_TLYxQ](https://www.workopolis.com/jobsearch/biostatistics-jobs?job=FXDaT5JXzbnn6gtSb3eda5vo0E3dA2c50A4jJxXr2_1nHqcN_TLYxQ)

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