DIPLOMA IN DATA ANALYTICS
ACADEMIC OR CO-OP

ilsc
Greystone COLLEGE

- Fast-track your way into a Data Analyst role with high earning potential in this hands-on, job-ready training program.
- Build your data analysis fluency and use it to solve the world's most interesting problems, with dynamic skills that are adaptable to a range of industries and interests.
- Get customized career search and co-op placement support from our Co-op Advising Team who have strong links to industry partner organizations.
- Develop comprehensive knowledge of industry-standard data technologies and programming tools, including Excel, Power BI, SQL, and Python.

Learn more

Campus

Vancouver

Program Length

ACADEMIC
Morning: 20-28 weeks (20 weeks study + up to 8 weeks scheduled breaks)

CO-OP
Morning: 40-48 weeks (20 weeks study + up to 8 weeks scheduled breaks + 20 week co-op placement)
Schedules will be adjusted in December to accommodate public holidays.

Start Dates

Morning
2024: Jan 2, Mar 25 (with 8 week summer break), Aug 12, Nov 4
2025: Jan 27, Feb 24, Aug 11, Dec 1

Scheduled Breaks

Summer Break 2024 / 2025
Jun 17 - Aug 9, 2024 / Jun 16 - Aug 8, 2025

Winter Break 2024 / 2025
Dec 23 - 27, 2024 / Dec 22 - 26, 2025

Language Level Requirement

INTERMEDIATE 3

(Equivalent to TOEFL iBT: 46, IELTS: 5.5)

OR Completion of a minimum of three full years of study in a secondary or post-secondary institution where the sole language of instruction is English.

Other Admission Requirements

View general Greystone College Admission Requirements for your chosen campus on our website for more details.

Program Description

Explore the most up-to-date methodologies, knowledge, and tools in the data analysis field and build in-demand skills that can get your hired upon graduation. In this program, you'll develop knowledge of market-leading data analysis technologies including Excel, Power BI, SQL, and Python. Discover how to process, analyze, and present data to answer key questions, and support business communications and decision-making. Establish your technical, analytical, and business skills through hands-on exercises and a final project.

A Diploma in Data Analytics can open career opportunities in almost any industry.

The median annual salary of a Data Analyst in Canada is $81,120 CAD – that's more than double Canada's average salary in 2020!*

*Salaries may vary depending on the company and position. The average salary for this role is taken from the Government of Canada's Job Bank information for the particular National Occupational Classification (NOC). General Canadian average salary information is based on the Canada Revenue Agency's T1 tax filer data from 2020.

Why Choose the Co-op Program?

Co-op or "co-operative education" combines academic study with a work placement related to your program. This popular Canadian learning approach provides you with hands-on experience in your study field, quality references, and networks that will give you a competitive edge for finding future work and growing your career. Program orientation and pre-placement support prepare you to find a suitable placement. Throughout the work experience term, you will receive support and guidance from a dedicated Co-op Program Advisor who will ensure you receive all the support you need to successfully complete the program.

Program Schedule

Morning Program Schedule

38-40 WEEKS ACADEMIC TERM Total weekly study hours = 22.5	
WORKPLACE SKILLS & TOOLS COURSE	**ALL OTHER PROGRAM COURSES**
TUE-THU* 8:30 AM–1:00 PM Class	**TUES-THU** 8:30 AM–12:30 PM Class
FRI 8:30 AM–11:30 AM Class	
FLEXIBLE 4.5 hours per week Asynchronous Learning	**FLEXIBLE** 10.5 hours per week Asynchronous Learning

The Workplace Skills and Tools course takes place for all students during their first session. **Students will also attend this course on campus on the very first Monday of the program. Students should also anticipate additional time for completing homework and projects.*

Co-op Schedule

Students who choose the co-op program will begin a co-op placement after completing their academic study portion. The co-op will last for 20 weeks for daytime schedule students. Your daily co-op placement work schedule will vary, depending on the needs of your employer.

Diploma In Data Analytics Courses

The curriculum is subject to change.

ACADEMIC STUDY

EXCEL & DATA VISUALIZATION FOR DATA ANALYSTS
Learn to build and design different reports for different types of data using visualization tools. In this course, you'll create multi- dimensional analysis reports using Excel and will learn to work with data visualization platforms such as Power BI.

INTRODUCTION TO DATA ANALYTICS
Develop the skills and basic knowledge required to understand the data analyst role and capabilities. In this course, you'll explore tools and methods to evaluate KPIs and learn about the analyst work circle. Get introduced to relational databases and how to derive insights from different kinds of data sets.

PYTHON PROGRAMMING FOR DATA ANALYSTS
Learn how to write basic scripts in Python using different tools and methodologies in order to quickly create and manage data structures. The course aims to provide programming knowledge for data analysts using emerging technologies such as machine learning and big data tools.

SQL FOR DATA ANALYSTS
Develop the skills and knowledge required to perform analysis on different data structures using SQL. Explore the analyst workflow and learn about the documentation needed to perform business analysis and present the results.

WORKPLACE SKILLS & TOOLS
Learn the fundamental skills necessary for the Canadian workplace. Students will learn topics such as oral and written communication, computer skills, and workplace preparation. The course will also cover the necessary skills needed for academic study in their program.

CO-OP WORK EXPERIENCE

CO-OP WORK EXPERIENCE
During the co-op work placement, students will put their skills into practice in a local workplace in a position related to their specific program objectives. Students will be required to complete job tasks as assigned to them by the employer. In addition, students are required to provide regular feedback (monthly) on their placement experience to Greystone College using prescribed reporting forms.

THE CO-OP WORK EXPERIENCE COULD INCLUDE
ENTRY-LEVEL POSITIONS IN ROLES LIKE

- Data Analyst
- Database Analyst or Administrator
- Marketing Analyst
- Web Programmer
- Business Process Analyst
- Data Visualization Specialist

Bring your own device

To ensure our students have the most transformative learning experience we recommend the following minimum device requirements:

- Windows 10 or higher. Mac OS does not support software used in the program (SQL Server Management Studio and Power BI)
- Processor: Intel I5-6400 or Ryzen 5 1400 minimum
- Memory: 8 GB recommended
- Screen: 14 inches recommended
- Ports: minimum 1 USB 3.0 port
- Built-in camera, speakers and microphone
- Connectivity: WI-FI
- Speed: 50Mbps download speed recommended
- External numeric keyboard (optional but recommended)

Students are provided with a free Microsoft Office 365 account during their studies.

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LEARN MORE ABOUT OUR SCHOOL
GREYSTONECOLLEGE.COM

Greystone College of Business and Technology (Toronto) Inc. (Greystone College Toronto); Greystone College of Business and Technology (Greystone College Vancouver); and Collège Greystone (Greystone College in Montréal / Collège Greystone in Montréal); are herein collectively referred to as "Greystone College".