

ROBERT H. LEE
GRADUATE SCHOOL



UBC Master of Business Analytics

12-MONTH PROGRAM
sauder.ubc.ca/mban

UBC  **SAUDER**
SCHOOL OF BUSINESS

Discover the UBC Master of Business Analytics



"The UBC program added immense value to my life and career. The holistic design of the program taught me the skills required to generate business intelligence from data. While working in diverse teams, I could discover my passion and strengths, which made me feel confident and ready to launch my career in business analytics."

Isha Kataria
Consultant at Deloitte Canada
Toronto, Canada
UBC MBAN, Class of 2018

The world of analytics is fascinating, challenging, and booming. Cutting-edge companies have no shortage of data. But they do have a shortage of highly skilled professionals who can interpret this data and use it to make effective decisions. In fact, experts are projecting opportunities are only going to increase in both the public and private sectors as businesses search for analysts to help them make strategic, data-driven decisions.

Equal parts data analysis and big picture decision-making, the UBC Master of Business Analytics (MBAN) prepares you to fill this void. In twelve months, this prestigious degree will give you more than the technical skills to analyze large sets of data, it will also prepare you for the business world. The curriculum covers everything from marketing to operations in addition to advanced analytics so that you will be able to interpret data within a broader business context.

Why Study at UBC

You will learn from academic and business leaders alike, and with our small cohort, will benefit from face-to-face time with your instructors. Our “flipped classroom” approach, where essential knowledge is delivered outside the classroom and class time becomes grounds for active engagement, will help bring the modern business world to life as you learn.

entrepreneurship@UBC: UBC’s own venture accelerator has executives in residence, a startup space, a mentor network, a Lean Launchpad Accelerator and a Seed Fund for high-potential ventures. Since 2013, entrepreneurship@UBC has helped more than 600 UBC venture teams.

HATCH: A UBC technology incubator that leverages the expertise of UBC Sauder and entrepreneurship@UBC and a seasoned team of domain-specific experts to provide real-world, hands-on guidance.

#1 Business Program in Canada*

#3 MBAN Program in Canada**

#34 University in the World***

* Maclean’s University Rankings 2021

**QS Business Masters Rankings: Masters in Business Analytics 2021

***Times Higher Education World University Rankings 2021

A Community of Excellence

Across every discipline, UBC Sauder's faculty are among the very best in the world. They're not just world-leading academics, they're also business leaders who, as in-demand consultants, apply their sought-after expertise to the real world.

UBC is

37 University in the World for Research Reputation
(Times Higher Education Academic Reputation Survey 2019 - Research)

100+ faculty from 25+ countries



Harish Krishnan
Professor, Operations and Logistics Division
Award-winning educator for teaching excellence
Teaches: Consulting Practices and Project Management



So-Eun Park
Assistant Professor, Marketing and Behavioural Science Division
Presented at the 2018 INFORMS Marketing Science Conference
Teaches: Pricing Analytics



Steven Shechter
Professor, Operations and Logistics Division
Recently awarded a Career Investigator Award from the Michael Smith Foundation for Health Research
Teaches: Simulation Modelling I: Data Processing and Monte Carlo Simulation



Yanwen Wang
Assistant Professor, Marketing and Behavioural Science Division
Published in INFORMS' research premier journal, Marketing Science
Teaches: Customer Analytics



Gene Moo Lee
Assistant Professor, Accounting and Information Systems Division
Work has appeared in top-tier journals such as MIS Quarterly and Journal of Business Ethics
Teaches: Business Analytics Programming



Martha Essak
Lecturer, Operations and Logistics Division
Teaching interests include regression analysis, forecasting using time series and survey design
Teaches: Descriptive and Predictive Analytics

Experiential Learning

As a UBC MBAN candidate, you will acquire the professional skills to complement your academic accomplishments. You will analyze analytics case studies, collaborate with industry partners, and have the opportunity to participate in national and global industry case competitions.

Analytics Internship / Research Project

UBC MBAN candidates will participate in either a 3-4 month internship where you will work on a significant analytical challenge faced by an organization or a personal research project. Apply your analytical competencies to help cutting-edge companies find optimal solutions to complex problems, develop robust decision support tools and communicate technical results and recommendations to management. Past employers include TELUS, Boeing Vancouver, Canada Post, Fraser Health Authority, Aritzia, and Electronic Arts.

Recent Case Studies

Using Text-Mining Approaches to Build Social Media Analytics

As part of one recent project, UBC MBAN candidates explored how to apply structure to large unstructured datasets found on social media. By conducting in-depth analyses, they distilled this valuable data into invaluable insights.

Forecasting Energy for the Vancouver International Airport (YVR)

While pursuing a UBC MBAN, students collaborate with prominent companies across a number of sectors. Using Vancouver International Airport as a case study, students forecasted monthly energy use, a necessity for the airport's budget planning and contract negotiations.

Student Clubs and Case Competitions

MBAN Student Society: Not only does the UBC MBAN Student Society represent MBAN students in academic and administrative matters, it also builds community, facilitates a positive cohort experience and provides candidates with the opportunity to hone their leadership skills by organizing networking and social events.

Cortex Analytics Simulation: Powered by SAS and HEC Montréal, students compete in teams to play an online simulation game using predictive modeling technology. Learn new techniques and better understand how analytics affects business decisions.

INFORMS OR & Analytics Student Team Competition: Immerse yourself in the international community of business analysts by taking part in this leading international competition, where you will get practical experience solving a company's real business problem using an operational research/analytics approach.



"I always wanted to be a bridge between business and technical people. The UBC MBAN program provided me with both technical skills and business insights that helped me learn how to identify the business need and then apply my technical knowledge to solve the problem."

Kemal Baris Tan

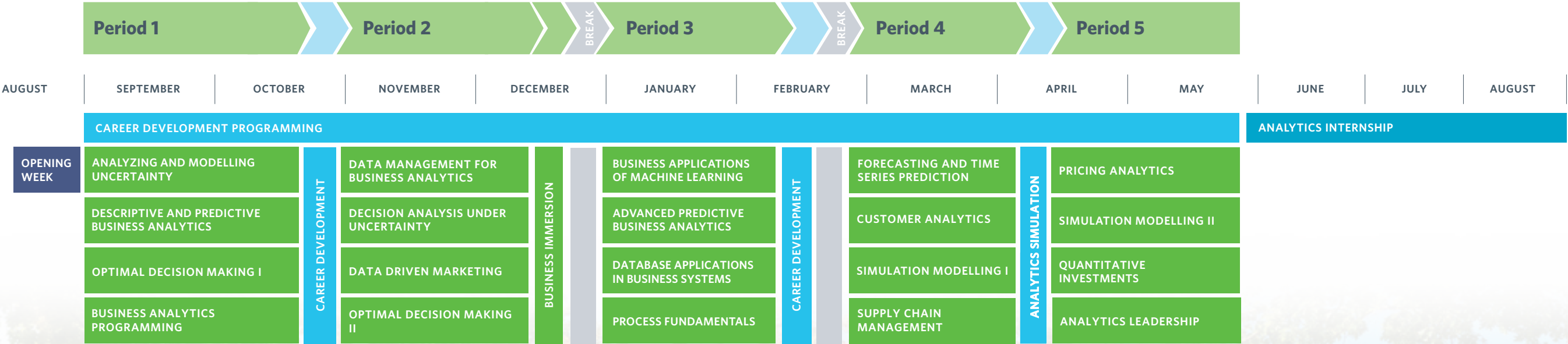
Data Scientist at Teck Resources Limited
Vancouver, Canada
UBC MBAN, Class of 2019

How It Works & Program Journey



Associate Certified Analytics Professional (aCAP exam)

As part of the UBC Sauder MBAN program, you will have the option to write the INFORMS Associate Certified Analytics Professional certification exam. This prestigious designation is a credential for new analytics professionals.



Program schedule may be subject to change

Opening Week:
This mandatory orientation to the program allows you to get to know your cohort, become familiar with your program journey, and gain insight into how to succeed over the subsequent 12 months.

Career Development Programming:
The Hari B. Varshney Business Career Centre will prepare you to be industry and market ready through a career development course, workshops, and 1-on-1 career coaching. See Page 8 for more information.

Courses:
The program involves a comprehensive, intense curriculum that will give you a strong foundation to make informed data-driven business decisions.

Analytics Internship:
A 3-4 month internship designed to help candidates apply their skills in a professional business environment.



Personalized Career Development

Using in-depth knowledge of what employers around the world are looking for, the Hari B. Varshney Business Career Centre will help you explore professional development opportunities and build a career that's meaningful to you.

We will help you:

- Uncover your strengths and career aspirations
- Develop your industry research skills
- Become a confident interviewee
- Develop and articulate your personal brand
- Create your own job search strategy and get free access to UBC Sauder's job posting and event database
- Build your own professional network

Did you know that 90% of top performers also have high EQ*

Along with strong technical skills, Emotional Intelligence (EQ) is one of the most in-demand competencies employers are looking for. By offering exclusive EQ assessments and development opportunities, we will help set you up for long-term career success.

*Emotional Intelligence 2.0

Networking Opportunities:

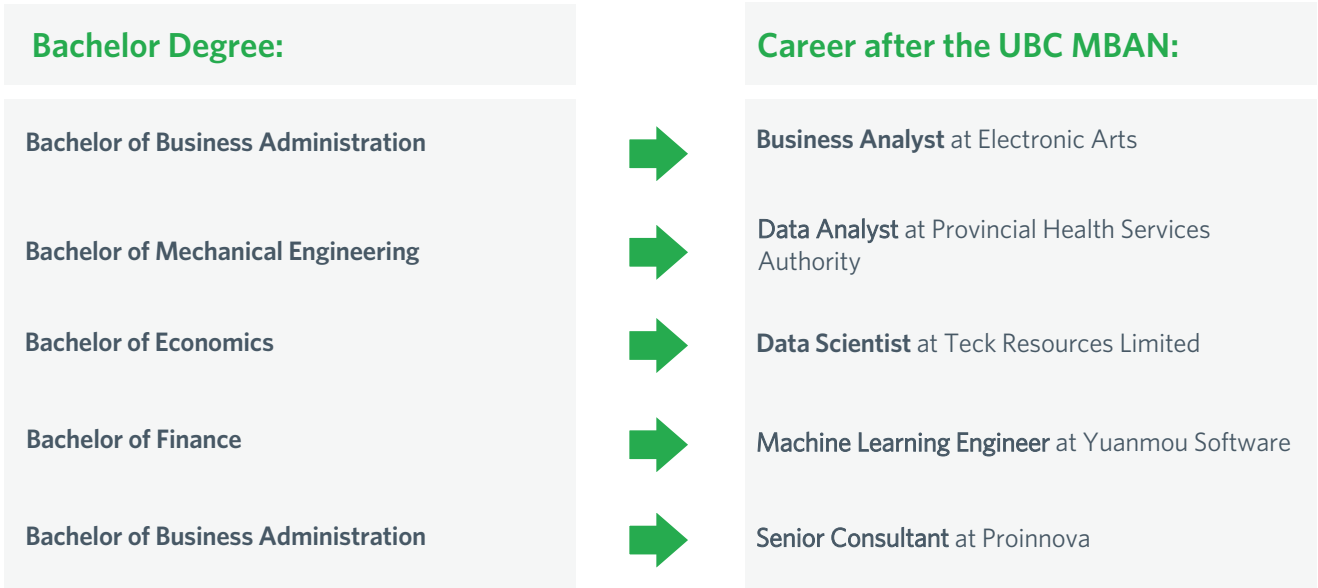
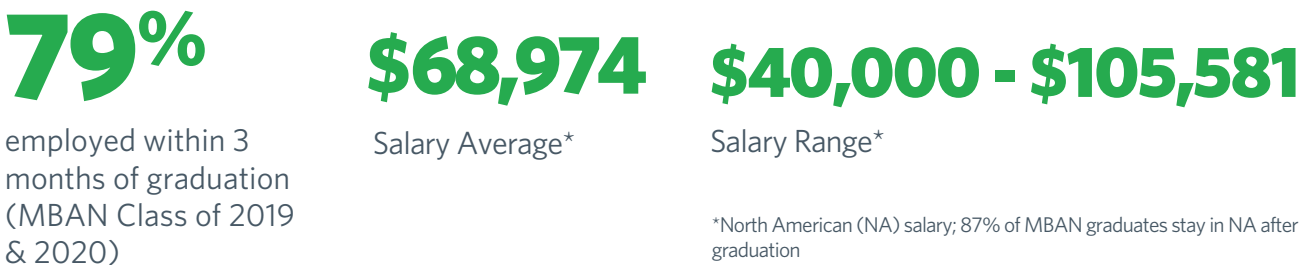
- Company information sessions with top employers
- Company tours and open house visits in Vancouver
- Alumni mixers and employer networking receptions to make new contacts
- Access to off-campus networking opportunities

Mentor and Training Programs:

- Case Interview Prep Program
- Finance Mentorship Program
- Product Management Training Program
- Strategy Consulting Mentorship Program*

*Optional program run by UBC Sauder Alumni. A summer application is required prior to the start of the program.

Career Outcomes



Examples of MBAN Employers:

- Best Buy Canada Ltd.
- Electronic Arts
- EY
- Hootsuite Media Inc.
- lululemon athletica
- Provincial Health Services Authority
- TELUS
- Teck Resources Limited



"The hands-on nature of the program not only helped me enhance my technical skills, but also prepared me for the industry. The Hari B. Varshney Business Career Centre was instrumental in shaping my personal brand and job search."

Shally Tyagi
Data Developer at Traction on Demand
Vancouver, Canada
UBC MBAN, Class of 2019



Vancouver: A City of Ideas

Consistently ranked as one of the most livable cities in North America and the world (The Economist, 2019), Vancouver offers unparalleled opportunities.

A Leading Entrepreneurial City

As Canada's fastest-growing metropolitan economy (Conference Board of Canada, 2017), Vancouver is positioning itself as a leader in the job market. The growth of Vancouver's tech sector has also gained recognition, making Vancouver a hub for startups. Companies born here include Lululemon, Arc'teryx, and Vision Critical, all of which have hired UBC Sauder graduates.



West Coast Lifestyle

Vancouver offers a temperate climate and unlimited options for outdoor adventure – from kayaking and sailing in English Bay to skiing and biking on the North Shore mountains. This cosmopolitan city is compact enough to make its recreational and cultural attractions easily accessible, and big enough to ensure there is always something new to discover.

Vancouver by the Numbers*

- **75,000** professionals work in Tech & Information & Communications Technology (ICT) in Vancouver
- Home to **3** of Canada's **5** Tech Unicorns (startups valued at over **\$1 billion**), namely Slack, Hootsuite and Avigilon
- **60,000** people employed in Vancouver's finance sector
- All **5** of Canada's largest banks have operations in Vancouver, and several international banks
- Social enterprise sector employs **13,000** people and earns **\$500+ million** annually

*Vancouver Economic Commission

Your Fellow Candidates

What starts as your cohort will turn into one of the most valuable professional networks you could build. During your 12 months in the UBC Master of Business Analytics, you will be surrounded by a truly international cohort, who'll bring different perspectives, opinions and backgrounds. Experiencing this collaborative environment will help you hit the ground running in the professional world.

UBC Master of Business Analytics Class of 2021 Profile*

Class size: 79



Age Range:

21-52

Average age:

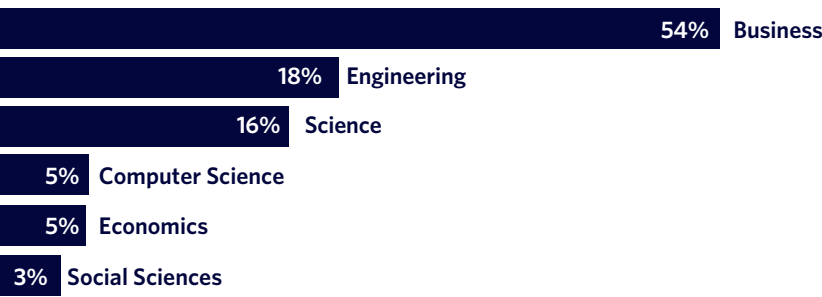
27

Average years of work experience: 5

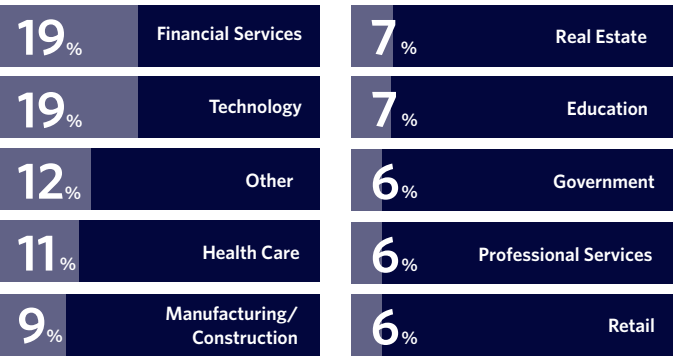
% International:

60%

Academic Backgrounds**:



Sector of Employment



*Data per the August 2020 entering class
**Includes undergraduate and master degree subjects

Our Admissions Process

The UBC Master of Business Analytics selection process is rigorous. We intentionally keep our cohort small to help foster a more collegial and personal environment. Candidates are carefully selected against competitive requirements to ensure that, once in the program, you learn from peers who have demonstrated vision, leadership and experience.

1

Review our Admission Requirements & Apply Online

- a. To be considered for the UBC Master of Business Analytics Degree, it is recommended that you review our admission requirements and ensure you understand the components of the application at sauder.ubc.ca/mban
- b. Create an account on our website and get started on your application.

2

Submit Documentation

Applications will be reviewed once we have received copies of all required documents and references, and verified your test scores. Please note that if you submit unofficial documents at the time of application, official documents must be received by the Admissions office no later than the final document deadline.

- ✓ Transcripts/degree certificates/translation
- ✓ Letters of reference (electronic reference)
- ✓ GMAT/GRE
- ✓ English Proficiency Exam (required for candidates whose degrees are from a university outside Canada or the U.S.A. in which English was not the official language of instruction)

3

Interview & Await Results

- a. All candidates being considered for admission will be contacted by the Robert H. Lee Graduate School for an interview either in person or by video call.
- b. If successful, you will receive a letter of admission from UBC Sauder's Robert H. Lee Graduate School.
- c. Accept your offer! Get ready to join the class, starting in the last week of August. All students are recommended to be in Vancouver earlier to settle in and adjust.

The UBC Master of Business Analytics at a Glance

Program and Application

Location

UBC Point Grey Campus
Vancouver, British Columbia, Canada

Fees

Canadian Citizens and Permanent Residents:
\$41,956 CAD*

International Students:
\$60,249 CAD*

*Subject to UBC Board of Governors' approval. The University may adjust the fees at any time without advance notice.

Scholarships

Merit scholarships are available for Canadian Citizens, Permanent Residents and from these regions of the world: South & Latin America, Asia, & Europe.

To qualify for the merit scholarships, you will need to meet the requirements and apply by the application deadlines. A guaranteed admissions decision will be made in 9 weeks. Terms and conditions apply.

For more information on scholarships and application requirements, visit sauder.ubc.ca/mban/apply

Contact Us

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THE UNIVERSITY OF BRITISH COLUMBIA

