



NEW

MASTER OF BUSINESS INTELLIGENCE & DATA ANALYTICS

Join an elite community of
Data Scientists and Business
Intelligence Leaders.





PROGRAMME OVERVIEW

The Master of Business Intelligence and Data Analytics (MBIDA) is designed for statisticians, computer science, management and business professionals who want to sophisticate business processes through integration of these fields. This programme is interdisciplinary and will prepare students from diverse backgrounds to become competent and multi-faceted data scientists and business analyst.

The programme is very practical and will provide the knowledge, skills and tools to bridge the gap between computing and business and is directly applicable to any organisation.



STUDENT OUTCOMES

Upon graduation students can achieve:

- Consultancy opportunities in Business Intelligence and Data Analytics
- A career change in a dynamic field of expertise
- Further professional recognition and development within your present career such as - Data Analyst, Business Analyst, Data Scientist, Strategic Analyst, BI Manager, BI consultant, BI Senior Professional
- Management opportunities in Business Intelligence and Data Analytics
- Become qualified and eligible for one of the rapidly growing careers globally. Described by Harvard Business Review in 2012 as, " Data Scientist: The sexiest job of the 21st Century."

BENEFITS OF THE MASTER OF BUSINESS INTELLIGENCE & DATA ANALYTICS

01

Practical hands-on degree that mirrors the day-to-day work of data scientists

02

Be exposed to and immersed in the most up-to-date platforms for Business Analytics such as Power BI, Weka, Solver, R, SQL and Hadoop

03

Tackle genuine problems with data provided by industry and government sponsors

04

Interact in a cohort-based learning experience structured around teamwork and professional guidance

05

Learn how to integrate the experiences of the programme and apply these learnings to resolve a real organisational problems. This opportunity will be presented in your Capstone project in trimester 4-5

Analytics

INSIGHTS

BIG DATA
DECISIONS

Information



BENEFITS OF THE LOK JACK GSB

International Study Trip: Students will have the opportunity to visit and observe best practices internationally.

HigherEd EFMD
Global Career
Services

Bizbooster
(Business
Incubator)

Institutional
Accreditation

World Class Faculty:
Internationally recognised
academicians and
practitioners to ensure
that your experience is a
dynamic, practical and
relevant one.

Locally accredited
by Accreditation
Council of Trinidad
and Tobago (ACTT)

UWI-Lok Jack GSB
community with more
than 2,000 alumni

GATE Funding
available for
eligible individuals

Access to the
UWI's Facilities

Networking/Mentorship
opportunities with
prominent Alumni



Throughout the programme students will:

- Differentiate amongst evidence-based techniques and harness the potential of analytics tools to provide insight in today's data-rich environment.
- Apply key data-mining methods and address data challenges and opportunities.
- Contribute to the advancement of the field from knowing what exists.
- Undertake projects that align business intelligence and analytics with business objectives by planning for appropriate use of metrics, models and methods.
- Demonstrate proficiency in the use of relevant application of analytics tools.
- Gain skills of communication, problem-solving, pitching and manipulating data and tools.
- Adhere to the tenets of evidence-based decision-making and convergent-thinking to yield new knowledge and insights and guide decision making.
- Appreciate the power of analytics and influence its use in strategic decision-making in the companies in which you work.

ENTRY REQUIREMENTS

Academic Entry Route

A Bachelor's degree from a recognised university with at least Upper Second class honours
Or

A Bachelor's degree from a recognised university with Lower Second class honours and two (2) years' experience working in a corporate environment, statistics, data-analytics or IT related field.

Mature Entry Route

Candidates who do not hold formal university degrees but possess professional and/or academic certification, along with a record of at least five (5) years of active and extensive professional experience in the field of statistics or a data analytics profession may be considered for the Non-degree route.

Candidates who have completed the Professional Certificate in Business Analytics, Data Science and Decision-Making at the Lok Jack GSB will also be eligible to access the Masters programme through the mature entry route.

Who can apply?

University Graduates with a good grounding in a quantitative subject such as mathematics, statistics, computer science, physics, engineering, economics or business.

Industry practitioners from Government, NGO and the private sector. Business Analysts, Systems Analysts, Credit Analysts, Product or Brand Managers, Functional Directors or Line Managers, Information and Technology Administrators and Managers, Knowledge Officers and Programmers, Statisticians, Economists, Plant or Operations Engineers, as well as persons who function on the business side of the ICT sector, including Account Executives, Professional Service Providers and Business Owners.

PROGRAMME STRUCTURE

MBIDA is an 18-month part-time programme which consists of:



The academic year is broken into three trimesters

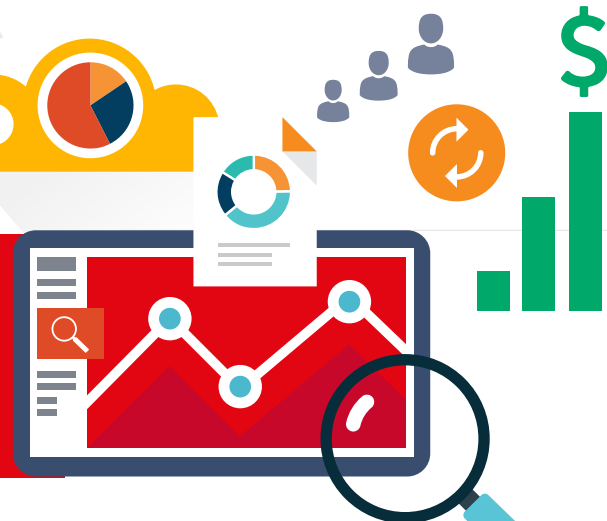


Exams and/or assessments in April, August and December.

Traditionally classes are held on evenings (5:30 p.m. to 8:30 p.m.) and on weekends.



PROGRAMME SCHEMATIC



YEAR 1	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
Core Courses	<ul style="list-style-type: none"> • Data Analytics Ecosystems • Data Analytic Methods using R • Organisational Culture and Leadership in a Digital Economy 	<ul style="list-style-type: none"> • Big Data Architecture • Predictive and Forecasting Analytics • Data Visualisation 	<ul style="list-style-type: none"> • Prescriptive Analytics and Decision Modelling • Analytical Methods for Text and Web Mining
Workshops	<ul style="list-style-type: none"> • Business And Strategy 	<ul style="list-style-type: none"> • Report writing and Presentation Skills 	<ul style="list-style-type: none"> • Principles of Management Consulting Workshop • Basic Research Methods workshop
YEAR 2	TRIMESTER 4	TRIMESTER 5	
Capstone Project	<ul style="list-style-type: none"> • Application of Data Analytics for the Digital Society • Commencement of Capstone Project 	<ul style="list-style-type: none"> • Completion of Capstone Project 	





Professor Gour C. Saha is the Director of the Centre for Business Analytics and Intelligence at the Arthur Lok Jack Global School of Business. He has more than 25 years' experience in teaching and academic leadership in Trinidad & Tobago, India and Thailand. Professor Saha's passion is teaching concepts with numbers. He has taught a number of courses including Business Research Methodology, Marketing Analytics, Operations Management, Quantitative Techniques and Multivariate Data Analysis at undergraduate, graduate and doctoral level. His research interests are business analytics, operations management and educational leadership. He was the lead researcher of an Inter-American Development Bank funded project on "Increasing Competitiveness for Trinidad & Tobago through Business Analytics" and is the co-author of a book chapter on Advancing Caribbean Competitiveness: The Potential of Business Analytics. Professor Saha received training on business analytics from SAS, USA.



Dr. Kamla Mungal is the Director, Academic Development and Accreditation and Director of the Leadership Institute at the Arthur Lok Jack Global School of Business, UWI, in Trinidad and Tobago. She is a lecturer in Leadership, Organisational Behaviour and Development and Team Development. In the context of a rapidly advancing digital society, Dr. Mungal's interest has evolved from mainly education and leadership to building a more evidence-based culture of decision-making, which is critical for the competitiveness of societies. She has co-authored a book chapter on "Advancing Caribbean Competitiveness: The Potential of Business Analytics." Dr. Mungal is a trained Facilitator for the Leading From Above The Line© programme, a member of the International Leadership Association and a Director of the Trinidad and Tobago Transparency Institute (TTTI).



Dr. John Lewis is the Director of ICT at the Ministry of Agriculture, Land and Fisheries in the Government of the Republic of Trinidad and Tobago. He has more than 35 years of professional experience in ICT in various industries including Insurance, Housing, Consulting, Distribution, and Agriculture. He also held several associate positions including the President of ICT Professional Society of Trinidad and Tobago, the Vice President of the PMI Southern Caribbean Chapter and an adjunct faculty member of Arthur Lok Jack Global School of Business. Dr. Lewis has taught several ICT courses at Master's level including Enterprise Systems and Business Intelligence. His areas of expertise include big data management and software engineering. Dr. Lewis has earned his DBA in Enterprise Resource Management and Information Systems from California Intercontinental University and his dissertation research was entitled "Enhancing Technology Adoption in the Public Service of Trinidad and Tobago".





Dr. Kevin Michael Fleary is a Lecturer and a member of the Business Intelligence and Analytics Centre at Arthur Lok Jack Global School of Business. Dr. Fleary received his International MBA from the Arthur Lok Jack Global School of Business with Distinction. He was awarded the Shanghai Government Scholarship to pursue his Ph.D. in Management Science and Engineering at the University of Shanghai for Science and Technology. His doctoral research utilised quantitative analytical methods and used R programming techniques for problem solving.



Dr. Daryn Ramsden is a Data Scientist with expertise in mathematical modelling, model validation and data visualisation. His experience is primarily in the financial industry where he worked as a Quantitative Analyst (Royal Bank of Scotland 2010 - 2016) developing pricing and risk models across multiple asset classes. Additionally, he has worked on projects in Epidemiology and Environmental Health among other areas.

Daryn has earned degrees from Morehouse College (BS 2002 Computer Science/Mathematics), Rensselaer Polytechnic Institute (MS 2007, PhD 2009 Mathematics), and Yale University (MPH 2017 Applied Biostatistics and Epidemiology). He is proficient with several statistical/analytical software applications and programming languages.



Mr. Faheem Mohammed is the Programme Director for the Master of Information Systems and Technology Management; is an adjunct lecturer on Information Systems and Technology -related courses on MBA, Marketing and other Masters programmes; and supervises practicum in Technology Entrepreneurship, Business and Functional Plans and Business Process Engineering. He is the technical lead for strategy and leadership at a Strategic Management consultancy and also serves as a director for such organisations as a leadership council of scholars and a private educational institute. Faheem holds an MSc. in Strategic Business Information Technology, a BSc. in Management and postgraduate qualifications in University Lecturing.



TO START YOUR APPLICATION >>

Send the following documents to admissions@lokjackgsb.edu.tt

- Updated CV
- Copy of your Academic certificates and Transcripts
- Copy of your Birth Certificate

An Admissions Advisor will guide you through the complete admissions process.



MRB

Contact us:

📞 1(868) 645 - 6700 (ext. 200)

✉️ admissions@lokjackgsb.edu.tt

🌐 www.lokjackgsb.edu.tt