



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE

Nanyang Business School

A blurred background image shows a person's hands interacting with a futuristic digital interface. The interface features various data visualizations, including a circular radar-like chart, a bar chart, and a line graph. There are also icons representing connectivity and technology. A bright blue light beam or arrow points from the bottom right towards the center of the interface.

**INNOVATE.
LEAD.
TRANSFORM.**

**MSc BUSINESS
ANALYTICS**



As a premier business school within a leading technological university, Nanyang Business School (NBS) is the nexus of world-class innovation, research, and business education.

INNOVATE. LEAD. TRANSFORM.

INNOVATE FOR THE FUTURE

Situated within the tech and innovation ecosystem of Nanyang Technological University, Singapore (NTU Singapore), we are uniquely placed to collaborate with industry to create and share knowledge on how cutting-edge technologies can be leveraged in every domain of business to accelerate enterprise transformation and shifts towards a smart economy. We envision and advocate the use of technology to address future business and societal challenges such as urban sustainability, resilient supply chains, and healthcare and ageing. Simply put, we equip our participants with the know-how to stay relevant and innovate for the future.

LEAD WITH IMPACT

We bring together NBS' expertise in leadership and NTU Singapore's strengths in science and technology to nurture strategic, entrepreneurial leaders to address the broader issues in business, society, and the environment. Through our programmes, we develop ethical leaders who possess a greater sense of purpose to transform the status quo, forge new paths, create value, and deliver impact wherever they are.

TRANSFORM WITH CULTURAL DEXTERITY

We are located in Singapore, at the heart of an East-West amalgamation of culture and business. Our programmes hold the best that both worlds offer. Our strong Asian heritage is complemented by our world-class faculty, as well as deep business insights grounded by research in cultural intelligence, Asian consumer psychology, and the emerging markets in ASEAN. Globally minded business leaders are imbued with the cultural dexterity to succeed in dynamic Asia and beyond.

THE MSc BUSINESS ANALYTICS EDGE

Data-driven companies regard their data as a corporate asset and actively look for ways to transform it into a competitive advantage. It is in such a business environment that analytics is being called upon to assist decision-makers to make data-driven decisions. The function that is created by this need is Business Analytics.

The MSc Business Analytics (MSBA) programme equips you to excel in this inter-disciplinary field. It helps you to develop strong business acumen through the teaching of business strategy and the tools to appreciate the insights derived from the analysis of data – actionable insights that can be used to drive business strategies and create value.

1

FUTURE-FOCUSED CURRICULUM

Our MSBA programme is designed to close the gap between technical and business know-how for more effective use of data in business organisations, whether in the area of management, accounting, marketing, finance, communications, or administration.

You will learn about Artificial Intelligence, Automation, Blockchain, and other domain knowledge that is relevant for the future. These emerging areas are increasingly shaping industries and becoming the main drivers of business growth. They enable businesses to better utilise their limited resources and be in a position to seize new opportunities.

2

INDUSTRY RELEVANCE AND EXPOSURE

Our curriculum is designed in close consultation with industry partners to reflect business demands and needs. You will have access to actual data and company internship opportunities that allow you to apply what you learn in the classroom to a real-world setting.

Such valuable industry exposure will boost your understanding of the nature of the work in business analytics and help put you in a strong position for a future career in this field.

3

DEEP CROSS-DISCIPLINARY LEARNING

Developed in collaboration with the School of Physical and Mathematical Sciences and the School of Computer Engineering, the programme enjoys the world-class teaching expertise and resources of three established schools.



EXPAND YOUR PROFESSIONAL NETWORK

The MSc Business Analytics programme attracts outstanding and talented individuals. The cohort comprises high-calibre participants from diverse backgrounds, enriching your peer-to-peer learning experience.

Besides the connections that you make in the classroom, you will also become part of NTU's growing alumni network – a rich environment for exchanging ideas and sharing insights!

TYPICAL CLASS PROFILE



- BUSINESS / FINANCE / ACCOUNTING
- ECONOMICS
- ENGINEERING

ALUMNI COMMUNITY



CAREER DEVELOPMENT

The Graduate Studies Career Development Office (GSCDO) is here to translate your NBS experience into the right job fit amid a constantly evolving corporate landscape.

We continually push the boundaries to gear you up for a rewarding and fulfilling career. To ensure that you get the best start to your career journey, we provide you access to a wide range of resources and activities throughout the academic year.



1-ON-1 CAREER COACHING



CAREER RESOURCES



RECRUITMENT EVENTS



GLOBAL OPPORTUNITIES



INTERNSHIPS



ALUMNI NETWORK

PROGRAMME STRUCTURE

The programme can be completed on a full-time (1 year) or part-time (1.5 years to 2 years) basis. Classes are held in the evening on weekdays at our easily accessible One-North campus opposite Buona Vista MRT station and/or on Saturdays at the picturesque NTU main campus.



NOV-FEB

TRIMESTER 2

- Analytics and Machine Learning in Business
- Electives (6 AUs equivalent to 2 full courses)
- Project I

PRE-TERM

3 weeks before Trimester 1

- Programming Essentials (Bootcamp)

JUL-NOV

ORIENTATION

- Jul

TRIMESTER 1

13 weeks of coursework + 2 weeks of recess

- AI and Big Data in Business
- Analytics Strategy
- Data Management and Visualisation
- Introduction to Statistical Analysis
- Programming Essentials



MAY-AUG

INTERNSHIP (OPTIONAL)



FEB-MAY

TRIMESTER 3

- Electives (6 AUs equivalent to 2 full courses)
- Project II

SEP-DEC

OVERSEAS EXCHANGE AT PARTNER UNIVERSITY (OPTIONAL)

Note: Schedule and modules are subject to change

For the MSBA Part-Time Programme Structure, please visit

msba.nbs.ntu.edu.sg/ptcalendar



ADMISSION PROCESS

REQUIREMENTS

- A good bachelor's degree from any discipline
- Good GMAT or GRE score
- TOEFL or IELTS score, if English was not the medium of instruction at the undergraduate level
- Work experience is not required

ONLINE SUBMISSION

www.applynbs.com/apply

APPLICATION DEADLINES

Round 1: 30 November
Round 2: 31 January
Round 3: 31 March

PROGRAMME FEE

S\$52,000 (inclusive of GST)

APPLICATION FEE

S\$100

SCHOLARSHIPS & FINANCIAL AID

MSc Business Analytics Merit Scholarship

NBS awards partial scholarships to outstanding candidates on a competitive basis. Scholarship applicants must possess strong academic records, demonstrated leadership qualities and potential, and for working professionals, a good career progression.

This scholarship is open to candidates of all nationalities, except those who are already receiving a scholarship. To be eligible for the merit scholarship, a complete online application and required supporting documents must be submitted by the Round 3 deadline.

NTU Alumni Grant

NTU alumni who have completed a bachelor's or postgraduate degree at NTU are eligible for an alumni grant of 10% of the tuition fees. The subsidy can only be used to offset the tuition fee and cannot be used to offset other costs such as student service fees or miscellaneous fees.

Singapore Citizen & Singapore PR Grant

Singapore Citizens and Singapore Permanent Residents are eligible for a grant of 10% of the tuition fees. The subsidy can only be used to offset the tuition fee and cannot be used to offset other costs such as student service fees or miscellaneous fees.

SG:D Scholarship (Postgraduate) (for Singapore Citizens only)

The SG:D Scholarship (Postgraduate) is an industry scholarship that empowers individuals pursuing Infocomm Media (ICM) related studies at the Masters or PhD level. Individuals pursuing postgraduate studies in specialised ICM areas such as Artificial Intelligence, Cybersecurity, Analytics, Immersive Media, and Digital Content Creation can chart their future with this scholarship.

For more information, please visit:

<https://www.imda.gov.sg/IMTalent/programmes/sgd-postgraduate>



WHY SINGAPORE

Situated at the heart of Asia, Singapore is a unique confluence of East and West. With every major Asian city within a six-hour flight, the island city is the ideal place to experience the psyche, culture, and practices of the region, from China to India, Southeast Asia, and Northeast Asia.

As a leading business and financial centre, Singapore is on par with global cities like London, Tokyo, and New York. And with good reason.

- Singapore has overtaken the USA to become the most competitive nation in the world, according to the World Economic Forum (WEF) 2019 Competitiveness Report, well recognised for ease of doing business, a robust labour force, and low levels of bureaucracy.
- It is one of the most business-friendly cities, providing a vibrant and stable environment that fosters entrepreneurship and innovation.
- As the centre of global economic activity pivots east, Singapore is the perfect base to tap into Asia's growth.

Singapore has also been ranked the No. 1 City with the best investment potential* and Asia's Most Liveable City[^].



* According to the US-based research institute Business Environment Risk Intelligence (BERI), 2014

[^] Source: Quality of Living Worldwide City Rankings, Mercer survey, 2019

WHY NTU

Young and research-intensive, Nanyang Technological University, Singapore (NTU Singapore) has 33,000 undergraduate and postgraduate students in engineering, business, science, humanities, arts, social sciences, education, and medicine.

NTU is home to world-class institutes – the National Institute of Education, S Rajaratnam School of International Studies, Earth Observatory of Singapore, Singapore Centre for Environmental Life Sciences Engineering, and Wealth Management Institute – as well as leading research centres such as the Nanyang Environment & Water Research Institute and Energy Research Institute @ NTU.

The NTU Smart Campus is frequently listed among the Top 15 most beautiful university campuses in the world. Besides its main campus in the western part of Singapore, NTU also has a medical campus in Novena, Singapore's healthcare district.

13th
IN THE WORLD*

1st
**IN THE WORLD AMONG UNIVERSITIES
BELOW THE AGE OF 50****

* Quacquarelli Symonds World University Rankings, 2020

** Quacquarelli Symonds Top 50 Under 50, 2014 – 2020



TUMCREATE is a research platform by Technical University of Munich and NTU Singapore for the improvement of Singapore's public transportation.

MSC BUSINESS ANALYTICS

**NANYANG BUSINESS SCHOOL
NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE**

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南洋理工NBS

