UNDERGRADUATE PROGRAMMES 2018

Double Degree in Accountancy & Business
Double Degree in Business (with Specialisation in Business Analytics) & Computer Engineering/Computer Science
Bachelor of Accountancy/Business and Master of Science (Financial Engineering)

Bachelor of Accountancy
Bachelor of Accountancy with Second Specialisation in Predictive and Forensic Analytics
Bachelor of Accountancy/Business with Minor in Strategic Communication
Bachelor of Business
DEAN’S MESSAGE

Welcome to Nanyang Business School (NBS)!

We look forward to seeing you at Nanyang Business School. NBS has established a record of educating and nurturing outstanding business leaders. Our students are highly sought after by employers around the world, and older graduates play important roles in business, government, and civil society organisations worldwide.

The NBS curriculum does more than just equip you with specific business skills. The school pushes you to Learn, Grow, Lead and Serve – themes that are emphasised across courses, as well as in non-academic activities.

NBS will give you the opportunity to customise your learning journey and to gain real-world experiences that will serve as a springboard to your career.

At NBS, you will learn from the school’s internationally renowned faculty. But it is not only one-way learning. You will also work with, and learn from, your impressive and diverse classmates. We believe the NBS program will be a transformative experience that will position you for success throughout your life.

An exciting learning journey awaits you here at NBS. I look forward to welcoming you soon.

Professor Robert Kennedy
Dean, College of Business
Nanyang Business School

Professor Robert Kennedy with Associate Professor Victor Yeo, Associate Dean (Undergraduate Student Life) (left) and Associate Professor Low Kin Yew, Associate Dean (Undergraduate Academic) (right)
WHY STUDY WITH US?

KEY QUALITIES OF OUR GRADUATES

5Cs
- Communication
- Creativity
- Civic Mindedness
- Competency
- Character

HIGHLY RANKED

NTU

QS World University Rankings 2017

11

NBS

THE ECONOMIST MBA RANKINGS 2017

78 in Global Ranking

5 Asia Pacific

Best Business School in Singapore

FINANCIAL TIMES MBA RANKINGS 2017

24 Global MBA

30 Global EMBA

ATTRACTS TOP TALENTS

Indicative Grade Profile for GCE A-Level and Polytechnic Students

<table>
<thead>
<tr>
<th>A Levels (3H2/1H1)</th>
<th>Polytechnics (GPAs)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>10&lt;sup&gt;th&lt;/sup&gt; Percentile</td>
</tr>
<tr>
<td>Accountancy</td>
<td>AAA/A</td>
</tr>
<tr>
<td>Business</td>
<td>AAB/C</td>
</tr>
</tbody>
</table>

These provide an indication of the grade profiles for most of the applicants admitted in AY2017 and are to be used as a guide only.

Freshmen will be guaranteed a hostel room for the first two years.

From the graduating class of 2017, 71.2% of students went on exchange programmes.

180 senior faculty members from 20+ nationalities

>100 Clubs, Societies & Student Organisations in NTU

GLOBAL ALUMNI

48,000 alumni located in 89 COUNTRIES OVER SIX CONTINENTS

Many outstanding corporate leaders - CEOs, CFOs and directors at leading banks, accounting firms and other major organisations

7 IN 10 OF NBS GRADUATES SECURED JOBS BEFORE GRADUATION

Seven in 10 students from NBS’ graduating class of 2017 secured graduate roles by their Convocation in July, according to a preliminary survey by NTU.

Average Monthly Starting Salary (2016)

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<tbody>
<tr>
<td>Double Degree in Accountancy and Business</td>
<td>$3,893</td>
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<tr>
<td>Bachelor of Accountancy</td>
<td>$3,063</td>
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<tr>
<td>Bachelor of Business</td>
<td>$3,444</td>
</tr>
<tr>
<td>Double Degree in Business and Computer Science</td>
<td>$4,407</td>
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</tbody>
</table>

Source: Graduate Employment Survey 2016, Ministry of Education

*All information stated in the brochure is accurate at the time of printing.
REAL-WORLD LEARNING

At NBS, we immerse you in a learning environment designed to arm you with specialist skills, broad-based knowledge and real-world experiences for success in today’s dynamic business world.

DEDICATED PROFESSIONALS
Our global faculty comprises world-class professors with vast experience in various industries and they continue to stay abreast of industry through research and consulting work. They come from top global universities with strong academic qualifications.

THE WORLD’S BEST BUSINESS PROFESSOR
Professor Vijay Sethi
With almost two decades as a Nanyang MBA professor, Professor Vijay Sethi was named Business Professor of the Year in 2013 by Economist Intelligence Unit (EIU).

TECHNOLOGY-ENHANCED LEARNING
Platform-based Learning (PBL) is a pedagogical approach at NBS – now in its third year – to ensure that its students entering the banking and finance sector are industry- and desk-ready at graduation. PBL does so by systematically introducing the use of platforms throughout the curriculum, enabling students to perform tasks on platforms consistent with those used in the industry.

FLIPPED CLASSROOM MODEL
Our learning pedagogy is centred on team-based learning and smart classrooms with the latest technologies, thus promoting greater interaction.
COLLABORATION WITH RESEARCH HUBS

- Centre for Applied Financial Education (CAFE)
- Centre for Business of Culture (BoC)
- Centre of Excellence International Trading (CEIT)
- Information Management Research Centre (IMARC)
- Institute on Asian Consumer Insight (ACI)
- Insurance Risk and Finance Research Centre (IRFRC)
- Monetary Authority of Singapore (MAS)
- International Enterprise (IE) Singapore

IMMERSIVE LEARNING

CURRICULUM
- Broad based foundation, deep specialised expertise, essential skill sets, collaboration with industry and research centres

EXPOSURE
- Professional attachments, internships, work and study programmes

STUDENT DEVELOPMENT
- Competitions, community engagement, overseas immersion, residential education, leadership and mentorship programmes

EXPERIENTIAL SEMESTER PROGRAMME (ESP)

To provide students with a competitive edge in the job market, all NBS students may opt to do an ESP. Students have the option of taking up a semester-long internship and still be able to complete their programme in the usual time span. With ESP, students can do a six-month internship in any semester after completing Year 2 Semester 1 and earn credits while gaining professional experience in industry.

THE WAVE

NTU’s eco-friendly sports hall harnesses sustainable technologies in a mega multi-purpose space designed for volleyball, basketball and badminton.

NEW DORMS

NTU’s three new student residential halls add to the current 21 halls of residence with an average of 600 residents per hall.

RESIDENTIAL EDUCATION (RE)

Through a host of workshops and programmes, RE enriches residential life and allows students to gain experience and knowledge while living on campus.

CONDUCTIVE LEARNING ENVIRONMENT

Quiet study areas provide a conducive environment for collaborative assignments and project discussions in one of the world’s most beautiful campuses.

PURSUING INTERESTS

A buzz of activities range from the chill out pitstops at the North Spine Plaza to the Activities Hub and over 100 clubs, societies and student organisations to share and grow with.

PURSUING INTERESTS

A buzz of activities range from the chill out pitstops at the North Spine Plaza to the Activities Hub and over 100 clubs, societies and student organisations to share and grow with.

FLOOR AREA OF MORE THAN 9,800M²

+1,595 UNITS OF SINGLE AND TWIN-SHARING ROOMS IN THE NEW HALLS
LEARN

Embark on an immersive learning journey that extends well beyond the classroom into the real world.
DISCOVER YOUR PASSION

NBS’ suite of programmes enables you to hone your abilities through experiential, real-world learning.

01
Bachelor of Accountancy/Business and Master of Science (Financial Engineering)
This is a three-year Bachelor of Accountancy/Bachelor of Business programme, coupled with an enrollment into the MSc in the fourth year. This four-year special programme puts you through the rigorous curriculum of a single degree and the MFE programme, equipping you with concepts and techniques in Finance, Computer Science and Mathematics. Learn from world-class faculty and industry professionals how to implement solutions in areas of high technology finance, such as risk management, product structuring, quantitative trading, quantitative research and financial information technology. The MSc component of this special programme is offered in collaboration with Carnegie Mellon University (CMU), USA, which includes a six-week study term in CMU.

02
Double Degree in Accountancy & Business
Through a relevant academic curriculum designed in collaboration with industry, this highly sought-after double degree programme combines the Bachelor of Accountancy and Bachelor of Business to leverage on the synergy between the two degrees. This diverse combination of knowledge and skills opens doors to more career options.

03
Double Degree in Business (with Specialisation in Business Analytics) & Computer Engineering/Computer Science
These four-year programmes hone students’ business management capabilities alongside data analytics, software application or computer engineering skills to secure the edge in today’s technology-driven business environment.

04
Bachelor in Accountancy
This three-year direct honours programme is the most established and well-regarded accountancy programme in Singapore and the region. Recognised by many professional bodies globally, this programme is one of the 11 outside of USA which has been accredited by the Association to Advance Collegiate Schools of Business (AACSB). This rigorous programme enables students to develop analytical skills and the fundamentals of accountancy.

05
Bachelor of Accountancy with Second Specialisation in Predictive & Forensic Analysis
This programme arms students with the full benefits of a Bachelor of Accountancy degree, enhanced with the knowledge needed to investigate data, strengthens corporate governance and interpret data to shape strategic direction.

From left:
A. Li Keyi, Danny, President, Actuarial Science Club (ASC) Year 3, Double Degree in Accountancy and Business (Actuarial Science)
B. Yashna Harish Chugani, President, NBS Exchange Club Year 3, Bachelor of Business (Banking & Finance)
C. Aloysius Lee, President, Investment Interactive Club Year 2, Bachelor of Business (Banking & Finance-Platform-based Learning)
D. Teo Chee Cheng, President, Tax Advisory Club Year 2, Bachelor of Business (Banking & Finance-Platform-based Learning)
E. Zhang Yi Chuan, Vice-President, Banking & Finance Club Year 4, Double Degree in Accountancy and Business (Banking & Finance)
F. Bernice Lau Kai Qing, President, MarkeTHINK Club Year 2, Bachelor of Business (Marketing)
G. Jonathan Thor Yue Han, Regine Chan Rui Ying, Co-Presidents, Investment Banking Club Year 2, Bachelor of Accountancy; Year 2, Bachelor of Business (Marketing)
H. Joel Tan Jun Ren, Co-President, Business Solutions Club Year 2, Bachelor of Accountancy; Year 2, Bachelor of Business (Actuarial Science)
I. Wang Zhenghao, President, Risk Management Society (RMS) Year 2, Double Degree in Accountancy and Business (Banking & Finance-Platform-based Learning)
Actuarial Science
Actuarial Science is the discipline that applies quantitative techniques to assess risk in insurance, finance and other industries. We are the only programme accredited by the Institute and Faculty of Actuaries (IFoA), UK. Under this agreement students are eligible for up to eight exemptions from the IFoA’s Subjects CT1 to CT8 towards professional qualification (Fellow). When you train as an actuary, you will learn how to analyse data, evaluate financial risks and to measure risk of future events.

Banking & Finance
Recognised as a Chartered Financial Analyst (CFA) programme partner and a Chartered Alternative Investment Analyst academic partner (CAIA), this programme gives students a headstart in attaining their Chartered Financial Analyst qualification, and equips them for careers in the financial and wealth management services, and commodity trading sectors.

Under the main track, the subjects prepare students for diverse job opportunities in the financial service industry.

For the Platform-based Learning track, students get desk ready in high value added sectors in financial services and build competency in Bloomberg Terminals and Thomson Reuters Eikon machines.

Risk Management and Insurance Programme
Society today faces many challenges including global warming, ageing, catastrophic risks and emerging threats. Developed in consultation with Monetary Authority of Singapore (MAS) and the insurance industry, this programme is the only one in Singapore that offers extensive courses, which hones students’ abilities to develop the solutions and tools needed to manage risks and offer a broad perspective with cutting-edge knowledge. It also prepares students to pursue Chartered Insurance Institute (CII) qualifications through courses that correspond to CII units.

Business Analytics
Business analytics is a key driver of growth and competitiveness for Singapore’s current and future economy. The data analytics sector is expected to contribute $1 billion to the economy. This specialisation develops students’ competencies for careers in this dynamic sector, acquiring the analytical skills to draw business insights for a diverse range of domains, such as operations, digital marketing, finance and accounting. Partnerships between faculty, students, software vendors and business analytic consumers enhance the experiential learning aspect of the course.

Human Resource Consulting
This programme, the first of its kind in Asia Pacific, goes beyond Human Resources Management by leveraging on internationally recognised and certified HR tools to equip students with competencies needed to develop effective HR solutions that are essential for the success of a business.

Marketing
The marketing courses strongly focus on experiential pedagogical methods. The faculty will immerse the students in a learning environment with real-world business cases, company-sponsored projects, computer simulations, and online tools to prepare them to be marketing professionals in a digital world. Most of the faculty in the marketing department are fellows of the Institute on Asian Consumer Insight, a research centre supported by the Singapore Economic Development Board.

Bachelor of Accountancy/Business with Minor in Strategic Communication
Students will receive a robust grounding in either accountancy or business as well as conceptual and practical training in communications to execute a communications strategy across various platforms.

Bachelor of Business
With a pragmatic, real-world focus, this programme offers six cutting-edge and industry-relevant specialisations that are developed and updated in consultation with leading professional bodies. It emphasises the development of essential skills that will aid students in their respective fields of study and impart domain knowledge that will support them in achieving their career goals.
Discover new opportunities and possibilities as you unlock your full potential and expand your worldview at NBS.
GO FURTHER

More than building skills and knowledge, we seek to enlarge your career potential. Through exchanges, internships, career coaching sessions, mentoring programmes and networking events, we support you in establishing your business network and gaining the experience to excel in a globalised world.

CHOOSE FROM OUR GROWING LIST OF STRATEGIC PARTNERSHIPS
WITH TOP UNIVERSITIES FROM OVER 40 COUNTRIES

GLOBAL IMMERSION

In grooming global business leaders, we believe in the benefits of overseas exposure and real-world experience. Through our Student Exchange Programmes, Overseas Entrepreneurship Programme (OEP) and Overseas Attachment Programme (OAP), we seek to imbue a global perspective and enlarge your worldview.

Student Exchange Programmes: With GEM Explorer, you can explore a new country while taking courses at an overseas partner university for one semester. Meanwhile, GEM Discoverer offers you the choice of various short-term programmes with work and/or study options and academic units that will contribute towards your degree.

OEP: Experience the challenges of starting a business in a six-month or one-year overseas internship in one of the world’s most vibrant startup ecosystems. Through OEP, you will be mentored by passionate founders and stand to gain valuable opportunities to hone your leadership skills, adaptability as well as cultural understanding.

OAP: Conducted in collaboration with industry and university partners in Asia, Europe, Australia and the US, the OAP offers opportunities to gain overseas working experience under professional guidance to enhance your employability and career mobility in the international arena.
ANNUAL NBS CAREER DAY

Our annual NBS Career Day allows students to interact with potential employers and gain a better understanding of the market. Held for the eighth year, the 2017 NBS Career Day successfully connected more than 1,100 students with 72 employers from various industries including finance, fast-moving consumer goods (FMCG), IT & technology, consulting and real estate, among others.

PROFESSIONAL CAREER COACHING

All NBS students receive in-depth, one-to-one coaching from expert career coaches. With two degrees to complete in four years, ACBS students will spend a longer time at NBS. These coaching sessions help them plan their career paths, given that they will have many career options and a multitude of skill sets from the two degrees.

TOWARDS GREATER HEIGHTS

Our Career Services team places students in suitable jobs for optimal performance and a sustainable career. With a plethora of specially designed courses, mentoring programmes, workshops, interactive industry sharing sessions and networking events, students are equipped with the necessary skills to engage the industry and build self-awareness through exploration.

STRONG INDUSTRY TIES

With dedicated guidance from NBS’ team of career managers, NBS undergraduates are highly attuned to the competitive and volatile job market. An increasing number of students gain industry exposure by taking on short-term and long-term internships, both locally and internationally.

"This overseas internship has not only provided me with exposure to advisory work, but was also an eye-opening experience to a foreign working culture, which is vital in today's globalised world."

KOK WEI JIE (second from the right)
(Bachelor of Accountancy, Class of 2018)
Six-month Tax Advisory Internship with Grant Thornton Dubai, United Arab Emirates

NBS CAREER GUIDE

Understanding the importance of planning your career while still at NBS, we developed the NBS Career Services Guide 2017. Aimed at supporting students in charting the careers of their choice, the guide is designed to help you explore interests, grow strengths, discover diverse industries and apply for internships and jobs as you lay the foundation for your future.

ANNUAL NBS CAREER DAY

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“key insights from HR that are not readily available on the company’s website”, and were a perfect platform to “showcase specific skill-sets that employers might overlook when evaluating a Year 1 student’s resume.”

For Edison Hon, Double Degree in Accountancy & Business (Banking & Finance), Class of 2020, the event offered

GROW
LEAD

Emerge as a global leader in a dynamic learning environment designed to shape minds that change the world.
LEADING THE WAY

At NBS, we encourage active participation in leadership development initiatives as well as local and global competitions, in a learning environment that builds thought leadership and inspires the next generation of business and public leaders.

ASIAN BUSINESS CASE COMPETITION

The Asian Business Case Competition (ABCC) is organised by the Business Solutions Club and generates a lot of interest locally and globally. The 2017 edition saw nine teams from some of the world’s top business schools racing to produce strong case findings and recommendations for a business case developed by NTU’s Asian Business Case Centre. Beyond creating memorable experiences for the participants, the ABCC also facilitates the exchange of ideas among global business leaders of the future.

WORLD CLASS TALENTS

NBS students have been proving themselves on the local and international stage. Olivia Low, Year 1, Bachelor of Business student, clinched the gold medal at the 44th WorldSkills Competition in Abu Dhabi in October 2017. Her achievement came after four days of intense competition with 1,251 participants from 58 countries, where she demonstrated her prowess in 51 skills and tackled a challenging sales pitch during the presentation portion for the win.

Duan Yanyan, Year 3, Double Degree in Accountancy & Business (Banking & Finance) student, won the coveted title “EY Corporate Finance Woman of the Year”. The event organised by Ernst and Young (EY) targeted female university students seeking a career in corporate finance and shortlisted 10 for the finals. They were judged based on the analytical abilities, presentation skills, teamwork and personal motivation. With her win, Yanyan received a cash prize and an internship with EY and will represent Singapore at the global finals in London.
BELGRADE BUSINESS INTERNATIONAL CASE COMPETITION 2017

The NBS Business Solution Team emerged as champions at the Belgrade Business International Case Competition 2017, beating 15 teams from top business schools in Australia, Canada, Denmark, Hong Kong, Norway, Portugal, Serbia, Singapore, Thailand and the US. Throughout the three rounds of competition, Lewis Loo, Double Degree in Accountancy & Business (Banking & Finance), Terence Lee, Bachelor of Business (Banking & Finance, International Trading), Odelia Oh, Double Degree in Accountancy & Business (Marketing), all from Class of 2018, and Chian Han Sheng, Double Degree in Accountancy & Business (Banking & Finance), Class of 2017, impressed the judges with the rigour of their analysis and creative recommendations as well as strong teamwork, in-depth analysis and presentation skills.

2017 L’OREAL BRANDSTORM COMPETITION

At the 2017 L’Oréal Brandstorm Competition, NBS’ Team TNG came in first at the National and Regional Finals and later emerged Global Top 3 at the International Finals in Paris. Each year, the consumer marketing challenge attracts some 15,000 students worldwide. Despite this, team members from the Bachelor of Business (Marketing) – Terence Hor (Class of 2017), Loke Si Hui (Class of 2018) and Tay Kuan Yu (Class of 2019) - were up to the challenge.

“The biggest takeaway from this competition was the exposure and experience. We truly challenged ourselves to go beyond our normal limits.”

2017 INTER-VARSITY STOCK PITCH CHALLENGE

The inaugural Inter-Varsity Stock Research Challenge 2017 organised by 8I Holdings saw two teams of NBS undergraduates placing as champions and second runners-up. Along with other finalists, Team Latent Capital, comprising Kimberly Tan, Double Degree in Accountancy & Business (Banking & Finance, Platform-based Learning), Class of 2019; Chua Jie Xuan, Double Degree in Accountancy & Business (Banking & Finance, Platform-based Learning), Class of 2018; Lawis Koh, Double Degree in Accountancy & Business (Banking & Finance), Class of 2017; and Team Alpha Taurus, Joel Tan, Bachelor of Business (Actuarial Science), Class of 2019; Edison Hon and Teo Chuan Hoe from Double Degree in Accountancy & Business (Banking & Finance), Class of 2020, had to present their investment thesis to a panel of fund managers and a 1,600-strong audience of value investors. For their efforts, the teams were awarded cash prizes of $5,000 and $1,000 respectively.
SERVE

Step beyond the bottom line to change lives, impact communities and make a difference in the world.
SERVING THE COMMUNITY

In grooming global leaders, we create opportunities for you to tap your business skills and benefit others. While building integrative thinking, such activities develop global leaders who go beyond financial returns to consider the betterment of society. Our Alumni keep the flame burning by contributing their experience and expertise to the local and global community.

OUR INSPIRING ALUMNI

LIM CHOW KIAT

*Bachelor of Accountancy, Class of 1993*
Chief Executive Officer, GIC
Chairman, Wealth Management Institute
Member, NTU Board of Trustee

As Chief Executive Officer of GIC, Lim Chow Kiat helms one of the world’s largest sovereign wealth funds, and plays a leading role in safeguarding and enhancing Singapore’s financial reserves. Upon graduating with a Bachelor of Accountancy (First Class Honours) degree from NTU, Chow Kiat joined GIC in 1993 as a portfolio manager. Rising steadily through the ranks, he built up GIC’s investment capability in corporate bonds, oversaw investments across various regions and assumed key leadership roles before heading GIC in 2017.

Beyond this, he serves as Chairman of the Wealth Management Institute. He sits on the boards of National Research Foundation and Focusing Capital on the Long Term Global, and is a member of Agence France Trésor’s Strategic Committee. His accolades range from gaining induction as the youngest member of the Fixed Income Analysts Society Hall of Fame in 2012 for his contributions to the advancement of fixed-income analysis and portfolio management, to receiving the 2013 Nanyang Alumni Achievement Award.

LOW YEN LING

*Bachelor of Business (Financial Analysis), Class of 1996*
Mayor of South West District
Senior Parliamentary Secretary, Ministry of Education, and Trade and Industry

From shaping public policy to steering educational programmes for the less-privileged, Low Yen Ling manages a wide spectrum of roles across the government and community sectors. Yen Ling is Senior Parliamentary Secretary for the Ministry of Education, and Ministry of Trade and Industry.

A strong advocate of family and education-related issues, the mother of two is also Mayor of the South West district, Member of Parliament for Chua Chu Kang GRC, and board member of the Chinese Development Assistance Council.

She currently serves as Chairman of the Committee to Promote Chinese Language Learning (CPCLL), Vice-Chairperson of the Lee Kuan Yew Fund for Bilingualism and Advisor to the Singapore Centre for Chinese Language Limited (SCCL). Under her guidance, CPCLL and SCCL have introduced interactive outdoor learning and experiential ways to engage learners and promote a love for the Chinese language.

Before serving as Parliamentary Secretary in the Ministry of Family & Social Development and the Ministry of Culture, Community and Youth, Yen Ling was CEO of Business China. She also held prominent positions at the Economic Development Board, steering innovation and entrepreneurship.

Today, the values of perseverance and integrity continue to anchor the NBS graduate in her life journey.

TAN CHIN HWEE

*Bachelor of Accountancy, Class of 1995*
Chief Executive Officer, Trafigura Group (Asia Pacific)
Director of Singapore Press Holdings and Lien AID
Audit Chairman, KKH Health Fund (Part of SingHealth Fund)
Member, NTU Board of Trustee

Recognised as an ace investor, Tan Chin Hwee leads one of the world’s largest commodity trading firms as Chief Executive Officer in Asia Pacific for Trafigura Group. An NTU graduate with a Bachelor of Accountancy (Honours) degree, he is also a Director of Singapore Press Holdings and Lien AID. He chairs the audit committee of KKH Health Fund (Part of SingHealth Fund).

A multiple-award winner, Chin Hwee was voted by The Hedge Fund Journal as among the top 40 emerging absolute return investors globally. In addition, he received the Nanyang Alumni Achievement Award in 2014 and garnered the World Outstanding Young Chinese Entrepreneurs Award the following year.

This go-getter sits on the advisory panel of the Monetary Authority of Singapore and the Maritime and Port Authority of Singapore, and is passionate about mentoring students as an adjunct professor at Nanyang Business School and several other universities. On top of this, he is a co-author of *Asian Financial Statement Analysis: Detecting Financial Irregularities*. 
Since his junior college days, Fong Kai Yin has been passionately championing the cause of the underprivileged. Graduated in 2017 with a Double Degree in Accountancy and Business (Actuarial Science), Kai Yin volunteered with the Chinese Development Assistance Council’s (CDAC) Redhill student homework group, where he guided them in schoolwork and imparted important life values like integrity and teamwork.

In 2015, Kai Yin initiated Project Intriva (PI), a collaboration between CDAC and NTU that seeks to bolster the confidence, communication skills and academic abilities of the students he mentors. His efforts eventually won him the 2017 Hurray Gold Medal and Cash Award for Social Responsibility.

Apart from his work with the CDAC, Kai Yin has served as Director for Community Service at Lions’ Befrienders, where he worked among the deaf community as part of the NTU Welfare Services Club.
NBS PROGRAMMES

CURRICULUM OVERVIEW

<table>
<thead>
<tr>
<th>BACHELOR OF ACCOUNTANCY</th>
<th>BACHELOR OF BUSINESS</th>
<th>DOUBLE DEGREE IN ACCOUNTANCY &amp; BUSINESS</th>
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<tbody>
<tr>
<td>• 9 Foundational Core Courses*</td>
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<tr>
<td>• 9 Accountancy Courses</td>
<td>• 6 to 9 Business Specialisation Courses</td>
<td>• 9 Accountancy Courses</td>
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<tr>
<td>• Career Foundations I &amp; II</td>
<td>• 3 Business Enhancement Courses</td>
<td>• 6 to 9 Business Specialisation Courses</td>
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<tr>
<td></td>
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<td>• Professional Attachment</td>
</tr>
</tbody>
</table>

*9 Foundational Core Courses
Accounting I; Accounting II; Business Law; Financial Management; Foundational Excel; Information Technology; Marketing; Organisational Behaviour & Design; Statistics & Analysis

GENERAL EDUCATION REQUIREMENTS (GER) AND ELECTIVE REQUIREMENTS

• 6 GER Core Courses – Communication Management Fundamentals; Communication Management Strategies; Enterprise & Innovation; Ethics & Academic Integrity; Introduction to Sustainability: Multidisciplinary; Principles of Economics: A Singapore Perspective
• 3 GER Prescribed Electives – Business Management; NBS Sustainability Course; Liberal Arts; Science, Technology & Society
• Choose 4 to 5 unrestricted electives from NTU’s exciting menu of electives to form:
  - self-customised set of courses or
  - minor programme

Visit the Undergraduate tab at www.nbs.ntu.edu.sg/Programmes/Undergraduate/Pages/Home.aspx for details on our programmes.

BACHELOR IN ACCOUNTANCY

RECOGNITION FROM PROFESSIONAL & REGULATORY BODIES

The Bachelor of Accountancy Programme is accredited by:

- Institute of Chartered Accountants in England and Wales (ICAEW)
- Certified Practising Accountants Australia (CPA Australia)
- Institute of Management Accountants (IMA)
- Association of Chartered Certified Accountants (ACCA)
- Chartered Accountants Australia and New Zealand (CAANZ)
- Chartered Institute of Management Accountants (CIMA)
- Institute of Singapore Chartered Accountants (ISCA)
- Singapore Accountant Commission (SAC)
- Accounting and Corporate Regulatory Authority (ACRA)

1 out of 11 schools outside of US accredited by AACSB.

BACHELOR OF ACCOUNTANCY WITH SECOND SPECIALISATION IN PREDICTIVE & FORENSIC ANALYTICS

In recent years, there has been an increase in the demand for accountancy graduates to be particularly skilled in data analytics, so as to better deal with the challenges and developments in the business world. The courses in the second specialisation complement the accountancy education that students receive in their Bachelor of Accountancy programme. Accountancy graduates trained in Predictive & Forensic Analytics will be able to help their organisations interpret data, maintain compliance and effectively shape/re-shape their organisations’ strategic direction. The second specialisation carries the standard minimum number of academic units – 15 AUs.

Second Specialisation in Predictive & Forensic Analytics

- Designing and Developing Databases
- Analytics I: Visual and Predictive Techniques
- Analytics II: Advanced Predictive Techniques
- Forensic Accounting and Fraud Investigation
BACHELOR OF BUSINESS
Counted among the top undergraduate business programmes in Asia, NBS’ three-year Bachelor of Business direct honours programme is well-known for its professional structure and innovative curriculum.

At the end of the first year, this programme offers students the choice to undertake one out of six industry specific specialisations that are regularly updated in collaboration with leading organisations and professional bodies.

### Actuarial Science

- **7 Compulsory Core Courses:**
  - Actuarial Aspects of Asset Valuation
  - Actuarial Economics
  - Actuarial Statistics
  - Life Contingencies & Demography
  - Mathematics of Finance
  - Models
  - Statistical Modelling

- **Courses Available as Unrestricted Electives:**
  - Actuarial Computing
  - Actuarial Management
  - Insurance Practice
  - Property & Liability Insurance

### Banking & Finance

#### Main Track

- **1 Specialisation Core Course**
  - Investments + Ethics Seminar

- **Choose 6 Specialisation Prescribed Electives:**
  - Alternative Investments
  - Bank Risk Management
  - Corporate Finance & Strategy
  - Derivative Securities
  - Equity Securities
  - Financial Modelling
  - Financial Service Processes & Analytics
  - Financial Statement Analysis*

- **Additional internship of 20 weeks**

### Applied Wealth Management Track

- **3 Compulsory Core Courses:**
  - Investments + Ethics Seminar
  - Wealth Management Affluent (new)*
  - Wealth Management Team Project (new)*

- **Compulsory Component**

- **Choose 4 Major Prescribed Electives:**
  - Alternative Investments
  - Bank Risk Management
  - Corporate Finance and Strategy
  - Derivative Securities
  - Financial Modelling
  - International Finance
  - Introduction to Compliance

### International Trading Track

- **8 Specialisation Core Courses:**
  - Commodities Geology & Metallurgy
  - Commodities Trading & Risk Management
  - Corporate Finance and Strategy
  - Derivative Securities
  - Industry Seminar
  - International Finance
  - International Tax & Trading Law
  - Investments

- **Choose 1 Specialisation Prescribed Elective:**
  - Ship Chartering
  - Trade Practices & Incoterms

### Business Analytics

- **3 Compulsory Core Courses:**
  - Analytics I: Visual and Predictive Techniques
  - Analytics II: Advanced Predictive Techniques
  - Designing & Developing Databases

- **Choose 3 Prescribed Electives:**
  - Business Analytics Consulting
  - Enterprise Processes & Analytics
  - Financial Service Processes and Analytics
  - Lean Operations & Analytics
  - Prescriptive Analytics & Optimisation
  - Search Engine and Web Analytics
  - Service Operations Management
  - Social Media & Digital Analytics
  - Supply Chain Analytics

### Human Resource Consulting

- **Choose 6 Prescribed Electives:**
  - Cultural Intelligence at Work
  - Employment Law
  - HR Technologies, Metrics & Performance Management
  - Managing & Consulting through Research
  - Strategic HR Management & Consulting
  - Talent Development & Management
  - Talent Sourcing & Acquisition
  - Total Rewards Management

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NANYANG BUSINESS SCHOOL
The Minor in Strategic Communication offers a wide range of courses that complement a business education, especially for the marketing specialisation. This includes courses in public relations, advertising and media planning. Students also learn how to implement market strategy across various media platforms. The Minor carries the standard minimum number of academic units – 15 AUs.

Choose 4–5 Courses:
- Creative Strategies
- Crisis Management
- Digital Communication & Human Relationships
- Intercultural Communication
- Issues in Advertising
- Media Law, Ethics and Policy
- Media Planning and Strategies
- Persuasion & Social Influence
- Public Opinion
- Social Consequences of Mobile Communication
- Social Media and Digital Campaign Management
NBS offers a special programme that combines the two vastly popular programmes – single-degree Bachelor programme and MFE programme. This academic option is introduced as a way of encouraging aspiring students to continue to graduate school, enabling them to go beyond the usual undergraduate education and develop more advanced knowledge and insights in finance all within a span of four years. It integrates business and accounting with the disciplines of quantitative finance, mathematics and computer science. Students undergo overseas study exposure at Carnegie Mellon University (CMU) in Pittsburgh, USA, where they are awarded a Certificate in Computational Finance upon successful course completion.

Note: The courses below apply only to the MSc Programme.

<table>
<thead>
<tr>
<th>Computing</th>
<th>Financial Mathematics &amp; Statistics</th>
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<tbody>
<tr>
<td>Artificial Intelligence Techniques in Finance (E)</td>
<td>Advanced Statistical Modeling (E)</td>
</tr>
<tr>
<td>Financial Computing (CMU)</td>
<td>Calculus &amp; Linear Algebra</td>
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<tr>
<td>Object Oriented Programming I</td>
<td>Financial Time Series Analysis</td>
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<tr>
<td>Object Oriented Programming II</td>
<td>Linear Financial Models</td>
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<tr>
<td>Programming Web Applications in Finance (E)</td>
<td>Numerical Methods for Financial Instrument Pricing (E)</td>
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<td>Probability &amp; Statistics</td>
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<td>Simulation Methods (CMU)</td>
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<td>Stochastic Calculus for Finance</td>
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<tr>
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<td>Stochastic Modeling in Asset Pricing</td>
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<tr>
<td>Algorithms and Computing I</td>
<td>Advanced Risk Management (CMU)</td>
</tr>
<tr>
<td>Algorithms and Computing II</td>
<td>Advanced Topic in FE Studies (E)</td>
</tr>
<tr>
<td>Mathematical Methods of Finance</td>
<td>Asset Pricing Theory</td>
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</tbody>
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<th>Select one specialisation at end of first year:</th>
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<tbody>
<tr>
<td>Actuarial Science</td>
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Note: 1. (E) denotes elective courses. All others are core courses. 2. Electives and courses at Carnegie Mellon University (CMU) are subject to change.

Visit www.mfe.ntu.edu.sg for the full course list.

Note: 1. (E) denotes elective courses. All others are core courses.

DOUBLE DEGREE IN BUSINESS (WITH SPECIALISATION IN BUSINESS ANALYTICS) & COMPUTER ENGINEERING/COMPUTER SCIENCE

These four-year programmes build business management skills and help students excel at data analytics, software application or computer engineering development. This gives graduates the edge in the technology-driven business environment.

Both programmes are offered jointly by NBS and the School of Computer Science and Engineering, NTU.
For enquiries about admissions, scholarships and student loans, please contact the Office of Admissions:

For Local Admissions
Tel: +65 6790 5055 / 6790 5972
Email: adm_local@ntu.edu.sg

For International Admissions
Tel: +65 6790 5806 / 5807
Email: adm_intnl@ntu.edu.sg

For Scholarships
Tel: +65 6790 6766
Email: ug_scholarships@ntu.edu.sg
Undergraduate Admissions Website
www.ntu.edu.sg/admissions

For enquiries on our programmes, please contact:
Nanyang Business School
Nanyang Technological University
50 Nanyang Avenue
Singapore 639798
Tel: +65 6790 4667
Email: upo-enquiries@ntu.edu.sg

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