

NTU SUMMER PROGRAMME 2017

Preparing You for the Working World

11 – 20 July 2017, Singapore



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Nanyang Technological University, Singapore

Do you have the skills to excel in the 21st Century working world?

Professional knowledge and competence alone are not enough. Equipping yourself with the essential soft skills is crucial in this competitive working world. Communicate effectively and work seamlessly across global, multicultural teams, learn to be an effective leader as well as an excellent team player, be a creative problem solver, create your personal branding and stand out from the crowd.

A two-week summer programme, organised by NTU College of Professional and Continuing Education (PaCE College) from 11 to 20 July 2017, aims to prepare you for the working world and instil the attributes that are important for success in the workplace.

University students are welcome to join in the programme. Come and experience a uniquely learning environment on the green, spacious and beautiful campus of NTU. Truly enjoy the exciting life in a vibrant and cosmopolitan city!



IMPORTANT DATES

Early Bird Registration & Payment Deadline

20 April 2017

Standard Registration & Payment Deadline

25 May 2017

Confirmation of Registration

30 May 2017



Programme Outline

- ✓ Classes are conducted in English by NTU faculty members and adjunct trainers.
Topics include:

- Critical Thinking – Strategies for Problem Solving and Decision Making
- Cultural Intelligence
- Effective Communication
- Essentials of Leadership & Self-awareness
- Personal Branding for Career Success
- Personal Grooming
- Self-awareness - The Essence of Effective Leadership
- Social Intelligence for Leaders - How to be a positive influence in the people you lead
- Win-Win Negotiation
- You can be Creative! Overcome the Blocks!

- ✓ Excursions




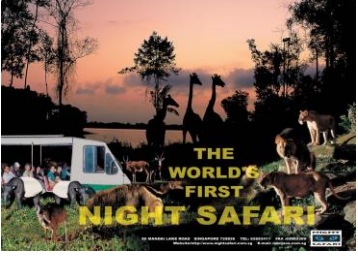
- Chinatown
- Esplanade
- Gardens by the Bay
- Little India
- Marina Barrage
- Marina Bay Waterfront Promenade
- Merlion Park
- Night Safari
- National Museum
- Singapore River



- ✓ Activities with students



Programme Schedule

DATE	AM	PM
Monday 10 July		Check-in to NTU Student Hostel (9 am – 6 pm) 
Tuesday 11 July	9.00am – 10.00am Welcome Session & Programme Briefing 10.15am – 12.15pm Class Self-awareness – The Essence of Effective Leadership (By Dr David Chew)	12.45pm – 1.45pm Welcome Lunch 2.00pm – 6.00pm Ice-breaking activities, campus & Neighbourhood tour 
Wednesday 12 July	9.00am – 12 noon Class Effective Communication (By Ms Tom, Kristina Marie)	2.00pm – 6.00pm City Tour – Little India, Singapore River, Merlion Park & Esplanade 
Thursday 13 July	9.00am – 12 noon Class Cultural Intelligence (By Ms Tom, Kristina Marie)	2.00pm – 5.00pm Visit National Museum  6.30pm – 8.30pm Activities with students 

DATE	AM	PM
Friday 14 July	9.00am – 12 noon Class Win-Win Negotiation (By Mr John Teo)	1.30pm – 3.50pm Visit Chinatown  4.00 pm – 6.00pm Visit Marina Bay Waterfront Promenade 
Saturday 15 July	One way transfer provided to VivoCity Shopping Mall at 8.30am. (for access into Sentosa Island) 	
Sunday 16 July	Free	
Monday 17 July	9.00am – 12 noon Class You can be Creative! Overcome the Blocks! (By Assoc Prof Stephen Lee)	1.00pm – 4.00pm Class Critical Thinking – Strategies for Problem Solving and Decision Making (By Assoc Prof Stephen Lee) 6.00pm – 10pm Visit Night Safari 
Tuesday 18 July	9.00am – 12 noon Class Personal Branding for Career Success (By Ms Harini Chari)	1.00pm – 4.00pm Class Personal Grooming (By Ms Harini Chari)

DATE	AM	PM
Wednesday 19 July	9.00am – 10.00am Visit Marina Barrage  10.15am – 12.15pm Visit Gardens by the Bay 	Free
Thursday 20 July	9.00am – 12 noon Class Social Intelligence for Leaders - How to be a positive influence in the people you lead (By Mr Daniel Theyagu) 12.10pm – 12.40pm Certificate Presentation Ceremony	1.00pm – 2.00pm Farewell Lunch
Friday 21 July	11am Check-out	

* Programme schedule may subject to change.

Course Details

Self-Awareness – The Essence of Effective Leadership

(Trainer: Dr David Chew)

Introduction

Leadership effectiveness and team performance are crucial for achieving success in the corporate world. This course focuses on the skills you need to develop an understanding of “you” as an effective leader. You will explore the relationship and benefits of self-awareness on effective leadership. You will identify the attributes of a leader with high self-awareness and how he or she can raise the personal as well as team performance to a higher level.

Objectives

To increase the understanding of the importance of self-awareness to leadership effectiveness in the modern workplace; to develop the leadership potential to the fullest in the corporate environment to enhance the performance of leaders and team members; to instil the practice of self-awareness to meet the challenges in today’s complex business world.

Outline

- Relationship between self-awareness and effective leadership
- Benefits of self-awareness
- Five key aspects of self-awareness
- The pathways to become more self-aware
- How self-awareness can enhance leadership

Effective Communication

(Trainer: Ms Tom, Kristina Marie)

Introduction

The ability to communicate with others is a crucial life skill, both in school and in the work place. This short course will equip you with tools to improve your written and spoken communication in English. This course is designed for students learning English as a second language, and the topics and materials will be adapted based on students’ needs. While grounded in education and communications theory, the course will consist primarily of interactive activities and discussion.

Objectives

Upon completing this course, participants will be able to:

- Write and speak with a particular audience in mind
- Structure ideas in a clear and organised manner
- Communicate with greater clarity
- Better engage and persuade audiences
- Speak with greater confidence and comfort
- Evaluate themselves and others critically for ways to improve communication

Outline

The course outline will be tailored to the specific needs of the group, but likely topics include:

- Audience analysis
- Brainstorming and coming up with ideas
- Outlining and organising
- Editing for accuracy, clarity and effectiveness
- Overcoming nerves and shyness while speaking
- Impromptu speeches
- Effective paralanguage (e.g. body language and use of voice)
- Giving and receiving constructive feedback

Cultural Intelligence

(Trainer: Ms Tom, Kristina Marie)

Introduction

Cultural intelligence refers to the ability to function across a wide variety of cultural settings. In this course, participants will first be introduced to the basic concepts of cultural intelligence before identifying practical ways to flourish both as international students studying in a new country and as young scholars and professionals in increasingly multicultural contexts. While grounded in cultural intelligence theory, the course will consist primarily of interactive activities and discussion.

Objectives

Upon completing this course, participants will be able to:

- Understand the basic theory behind cultural intelligence
- Understand why cultural intelligence is important
- Evaluate their own level of cultural intelligence
- Identify and critically assess the underlying assumptions of their own cultural perspective
- Identify and evaluate their own strengths and weaknesses in a cross-cultural setting
- Develop personal strategies to more successfully navigate cross-cultural interactions

Outline

The course outline will be tailored to the specific needs of students, but likely topics include:

- Introduction to cultural intelligence
- Cultural intelligence self-assessment
- Understanding cultural biases
- Self-motivation and exploration in a new cultural environment
- Building knowledge: culture, etiquette, language and norms
- Strategies for communication, negotiation and conflict management in cross-cultural settings

Win-Win Negotiation

(Trainer: Mr John Teo)

Introduction

How many times have you felt like you should have gotten a better business or personal deal but did not know how to do it? How many times have you had the feeling that you paid too much for something because you had no other choice? The secret to a successful deal is in knowing how to negotiate effectively. Negotiating is not always about price. Successful negotiation is not about you winning at the expense of the other party. Successful negotiation is about how to make the other party understand your side of things. This course will show you the essential skills required in a successful negotiation in which both parties end up win-win.

Objectives:

- Why we need to negotiate
- How to prepare for negotiation
- The principles for successful bidding
- How to interpret verbal and non-verbal signals
- The 4 forces of negotiation
- Common negotiation tactics
- How to conclude negotiated agreement that stands the test of time

Outline

- What is negotiation?
- Why do we need to negotiate?
- The different negotiation outcomes
- How to prepare for negotiation
- Trading concessions
- Understanding coded signals
- Essential communication skills in negotiation
- The power positions in negotiation
- Negotiation tactics
- Settling the deal
- Activities: Negotiation role-plays

You can be creative! Overcome the blocks!

(Trainer: Assoc Professor Stephen Lee)

Introduction

In today's fast-paced, constantly evolving world, the three R's of education – Reading, wRiting and aRithmetic – are inadequate life skills. We need to be cReative because the root of every success is originality. The key is differentiation, and we can rise above the competition only if we have creative, novel ideas. This short course introduces participants to the notion of creativity and its characteristics, and the blocks to being creative. The course involves plenty of learning by doing, so come prepared to participate!

Outline

- What is creativity?
- The three hallmarks of creativity
- Fluency and Flexibility in creative thinking
- The five blocks to creative thinking: perceptual, intellectual, emotional, cultural, environmental.

Objectives

- To be able to generate plenty of ideas (fluency) and a wide diversity of ideas (flexibility)
- To understand and be cognizant of the five blocks

Critical Thinking – Strategies for Problem-Solving and Decision-Making

(Trainer: Assoc Professor Stephen Lee)

Introduction

Most of us think logically and critically but have never been formally schooled in critical thinking. For instance, do you know

- how to evaluate arguments and refute them?
- about the pitfalls of so-called logical reasoning?

And yet, whether in college or at work, even in ordinary every-day life, one needs to be effective in how we process information and make decisions which affect our lives. The key to this is to be critical in the way we think. Therefore, this course brings participants through the basics of deductive and inductive reasoning and assessing arguments, starting with how to think (and write) clearly. Like creative thinking, learning will take place through participation in class exercises.

Outline

- Clear thinking and writing
- Logic in reasoning
- Arguments
- Obstacles to critical thinking

Learning objectives

- Be able to distinguish between inferences and assumptions
- Dealing with nuances of English words; ambiguity and vagueness
- What is critical thinking?
- Benefits of critical thinking
- Basic logic concepts: deduction and induction
- Fallacies of logic reasoning
- Assessing and refuting arguments
- Obstacles to critical thinking

Personal Branding for Career Success

(Trainer: Ms Harini Chari)

Introduction

Your career success is directly related to your Personal Brand. Personal Branding is all about authenticity and credibility and by aligning your values, passions and goals, you are empowered to take charge of the after-effects of your brand and ensure memorability. When everyone has certificates and degrees, the only way to cut through the clutter is by standing out. By taking charge of the Digital Footprint and Online Reputation, you can effectively communicate their differentiating value through the brand story. This course will focus on how to build, leverage and grow the personal brand that results in sustained career growth.

Objectives:

- Understand the power of Personal Branding in your career trajectory
- Leverage your strengths, passions and goals and learn to communicate them succinctly to your audience
- Enhance and express your Brand Values, Purpose and Personality
- Manage your Digital Footprint and Online Reputation and leverage LinkedIn
- Connect emotionally and build Thought Leadership
- Ensure that your external and internal brands are in sync and project

Outline:

- Your Brand, Your Reputation -The Why's and What's of Personal Branding
- Authenticity, Transparency, Credibility- the 3 pillars of Personal Branding -
- Brand Storytelling for Emotional Connect
- Brand Promise and Personality- What's your Value and Relevance?
- Harness the power of Social Media and drive it through Thought Leadership
- Carve out your Personal Brand Statement
- Can't Win it? Then Change it! – Understand how to turn situations and build Doors of Opportunity
- Discussion and Q&A

Personal Grooming

(Trainer: Ms Harini Chari)

Introduction

As much as inner values and goals are keys in authentic personal branding, they are only enhanced when effectively projected, externally. How you present yourself, how you communicate, how you stay memorable are all critical elements of the experience you offer your prospective employer. This course will focus on living your values, promise and personality through the palpable and visible external aspects of YOU.

Objectives:

- Understand the effect and impact of brand image and first impressions
- Hone professional image & business etiquette management skills
- Harness the power of Business Body Language
- Increase motivation, confidence and productivity by leveraging your unique visible brand
- Grow and strengthen your Network- Share, Demonstrate, Connect
- Nurture and strengthen your Brand Equity by syncing your inner values to your outer image

Outline:

- Walking the Talk- The Brand Experience You Offer
- Your Professional Visual Brand- What's Your Signature Style?
- First Impressions Count- Take Charge of Your Visual Brand
- Dress to Influence – What to Embrace and What to Avoid
- Manners Matter: Business Body Language and Etiquette
- Business Talk: How to Continue the Conversation and Nurture Your Network
- Growing and Living Your Brand
- Discussion and Q&A

Social Intelligence for Leaders – How to be a positive influence on the people you lead

(Trainer: Mr Daniel Theyagu)

Introduction

Leaders are the backbone of an organisation and without effective leaders an organisation is doomed to fail and disappear. To be an effective leader, you need to possess more than the relevant body of knowledge and experience. Effective and result-oriented leadership demand that a leader need to be socially intelligence in being able to develop meaningful relationship with his/her team members and having a high sense of empathy and a practical concept of social responsibility. This is important today as without social intelligence leaders will be unable to ride the waves of uncertainty when the organisation that they lead hits a rut.

Objectives:

- Remove self-deception and increase self-awareness as a leader
- Reflect on past actions and adapt for the future
- Become an inspirational role model and motivate others
- Influence your team members to perform with their heart
- Create a positive environment by catching people doing things right
- Engage your team members to rise to challenges and perform at their peak

Outline

- What is Social Intelligence and why it is important for leaders?
- Understand how we respond to other people's views.
- Seek to understand before being understood
- The power of positive influence
- Develop meaningful relationship by catching people doing things right
- Creating a workable action plan to become a more socially intelligent leader for personal and organisational success

Trainers

Dr David Chew

Dr David Chew currently lectures at the School of Civil and Environmental Engineering, Nanyang Technological University. He has taught and conducted research in Strategic Management of Construction Industry, Project Management for Construction, and Partnering and Alliances for International Construction. He has been invited regularly to deliver lectures to engineering and management students overseas, especially in China and Malaysia.

Dr Chew received his Bachelor degree in Civil Engineering (1st Class Honours) from the University of Singapore in 1974, Master of Applied Science degree in Civil Engineering from the University of Waterloo, Canada, in 1976, an MBA from the Oklahoma City University in the US, in 1991 and a Doctor of Business Administration degree from the University of Southern Queensland, Australia, in 2001.

Beside his academic commitments, he has provided consultancy services and conducted executive development programs in the following areas both in Singapore and overseas:

- Project management
- Strategic management
- Human Resource management
- Marketing management
- Cross-cultural management
- Construction management
- Entrepreneurship (including innovation)

For his outstanding teaching performance, Dr Chew was honoured as the University's Teacher of The Year in 1997 and 2003. He was conferred the Inaugural Nanyang Education Award (NEA) (College) in 2013 and elected as a Life-long Fellow of the Teaching Excellence Academy in 2014. He was the Visiting Professor for the School of Management, Tianjin University from 2004 to 2006 and the Tan Chin Tuan Visiting Fellow for the School of Civil Engineering, Southeast University, from May to June 2006. He is a Professional Engineer registered with the Professional Engineers Board in Singapore.

Ms Tom, Kristina Marie

Ms Kristina Marie Tom is a lecturer at the Language & Communication Centre at Nanyang Technological University (NTU), where she has taught undergraduate courses on writing and speaking since 2009. A former journalist and book critic with *The Straits Times*, Kristina has also published poetry, fiction, criticism and essays.

Kristina holds an MA and BA in English from Stanford University, at which she was also trained as an oral communication tutor. An American based largely in Singapore since 2004, Kristina specialises in workshops and executive training on public speaking in various professional and cultural settings.

Mr John Teo

Mr John Teo is a Certified Professional Trainer (International Professional Managers Association, UK), as well as a Certified Professional Behavioural Analyst (CPBA). He holds a Bachelor of Engineering from the University of Singapore, and is also a founding member of the Association of Professional Trainers (Singapore).

John has more than 26 years of working experience in senior management and in sales and marketing of technical products and services. He has worked for an MNC, various SMEs and was a partner in a precision engineering company.

The major achievements in John's career are evidences of his leadership and negotiation capabilities in the business and corporate world:

- As a Department Manager in Diethelm Singapore, John started up the Marine Department from scratch. He successfully negotiated for the exclusive distributorships for Sweden's Rockwool insulation products, Denmark's specialized ceiling and partition panels, and Holland's venting valves.
- As the General Manager of Materials Handling Engineering, he was personally involved in negotiation with:
 - The workers' union;
 - The bankers when the company became public listed in 1989;
 - The directors of UOB in a major project providing automated mail handling system for the new building;
 - The various principals in Australia, Japan and USA for distributorships of their products in this region.
- As the Marketing Director of Apex Precision Engineering, John was constantly negotiating with his customers. In his dual capacity as the Management Representative for the company's ISO system, he was also in constant negotiation with the various department heads of the company with regards to the quality aspects of the organisation.
- As the General Manager and Business Development Manager of Sun Tze Engineering, John was involved in the negotiation with the Second Hand Car Dealers Association to install the IT system in their new AML Building.
- As a consultant and trainer, John has to influence and persuade his customers and participants to reframe their mindset.

John is also a performing magician and is presently the President of the Singapore Branch of the International Brotherhood of Magicians. He frequently uses magic in his lectures and presentations not only to enliven the audience, but to bring out important principles in a fun way.

Assoc Professor Stephen S G Lee

Dr Stephen S G Lee is an associate professor in the College of Professional and Continuing Education, NTU. Dr Lee has over 30 years of teaching experience in NTU and is active in continuing education. He was awarded the inaugural *Koh Boon Hwee Scholars' Award* for being an inspirational teacher. He has taught *Creative Problem-Solving* in NTU since 1990. His current research interests are in human-artificial systems communications and supply chain management. Dr Lee is a registered Professional Engineer (Singapore) and a Fellow of the Society of Manufacturing Engineers.

Ms Harini Chari

Ms Harini Chari is a brand strategist by profession and a people developer by passion.

As a REACH (Pioneer Institute in Personal Branding, USA) certified Personal Brand/360 degree strategist, Harini Chari has energized and aligned brands of leaders, youth and mid-career professionals and helped them cut through the clutter based on authenticity, passion and values. With over 17 years of experience across Asia, US and Europe, she has led the brand strategy for organizations such as Amcham- Finland, Community Chest- Singapore and worked with brands like L'Oreal, Nestle and Tiffany's.

Her unique style has been based on a holistic approach which helps her clients take charge of their brands and create impact for themselves and others. By exploring inner core values and personal goals and aligning them with outer business decisions and choices, she has inspired audiences across cultures, age groups and industries to build strong foundations that result in sustained career/business growth and success.

Mr Daniel Theyagu

Mr Daniel Theyagu a highly-sought after corporate trainer since 1989 and has trained well over 200000 people in this time frame. A highly sought after keynote speaker, Daniel is well known for his light-hearted and humorous approach and his usage of parables and metaphors to mesmerize his participants and make relatively complicated concepts easy to understand and apply.

In his line of work, Daniel has specifically designed and delivery training programs for large MNCs, statutory boards, civil service and various non-profit organizations. His clients include – SPF, HDB, LTA, MOM, MHA, MINDEF, AVA, CPF, SAF, RSAF, RSN, DSTA, DSO, Singapore Supreme Court, The Law Society, SGH, Mount Elizabeth Hospital, Gleneagle Hospital and many more. At an international level, Daniel has trained people from more than 30 countries including – Mauritius, Malaysia, Indonesia, Maldives, Uzbekistan, Vietnam, Kazakhstan, Russia, Estonia, Sweden, UK, USA, France, Germany, India, Pakistan, Nigeria, Kenya, South Africa, Bangladesh, China, Vietnam, Cambodia, Myanmar and Thailand.

Daniel has also conducted customized training for Lee Kuan Yew School of Public Policy and Goh Keng Swee – Command and Staff College. He is an adjunct lecturer and module leader for Ethics and Corporate Social Responsibility with SIM University. Daniel also works closely with Nanyang Technological University – Centre for Continuous Learning [NTU/CCE] providing customized courses in Critical Thinking, Systems Thinking and Innovative Problem-solving and Decision Making.

Daniel has to date written more than 200 articles that have been published in Straits Times Recruit and syndicated to many foreign newspapers. He appears periodically on Mediacorp Radio 938 Live speaking to audience on a variety of business related topics. He is the author of five books and in the process of writing a few more.

Registration Fee

Early Bird Registration (NTU to receive payment by 20 April 2017)	SGD 2,300 + 7% GST = SGD 2,461
Standard Registration (NTU to receive payment by 25 May 2017)	SGD 2,500 + 7% GST = SGD 2,675

*GST: Goods and Service Tax

The registration fee covers 11-night twin-sharing student hostel accommodation (air-conditioned), tuition fee, excursions, programme materials, welcome lunch and closing lunch. Each participant will be issued an official receipt from NTU.

The fee does not include airfare, insurance, meals, visa application, personal expenses or other expenses not stated above.

Registration

All international university students are eligible to apply for the programme but must possess a good command of English language as the programme will be conducted in English.

Please submit your registration form either by email to cce@ntu.edu.sg or via fax to (+65) 6774 2911.

You are required to submit a letter from your university verifying your student status or send us a scanned copy of your student card.

You will receive an email acknowledgement within 2 working days from your registration. If you do not receive any acknowledgement from us, please send an email to cce@ntu.edu.sg.

To enjoy the early bird registration fee, your payment must reach us by **20 April 2017**. The standard registration payment deadline is **25 May 2017**. If you wish to register after the deadline, please send an email to cce@ntu.edu.sg to check if vacancy is still available.

The programme may be cancelled if there are insufficient participants and full refund will be made.

You will be notified on the final confirmation of your registration and the status of the programme by **30 May 2017**.

Modes of Payment

You may pay by one of the following payment modes:

a) Bank Draft

Bank draft in Singapore dollars is to be made payable to “Nanyang Technological University”. A copy of the registration form must be attached with the bank draft which has to be sent by registered mail or by courier to the following address

Nanyang Technological University
College of Professional and Continuing Education
11 Slim Barracks Rise
NTU@one-north campus, Executive Centre #05-01
Singapore 138664
Attention: NTU Summer Programme 2017

b) Telegraphic Transfer

Payment to be transferred to NTU bank account as stated below:

Beneficiary's Name	Nanyang Technological University
Beneficiary's Banker Name	Overseas-Chinese Banking Corporation Limited
Beneficiary's Banker Address	65 Chulia Street, OCBC Centre Singapore 049513
Beneficiary's Account Number	537-010027-001
SWIFT Code	OCBCSGSG

*Please note that you have to bear all the bank charges incurred in your home country and Singapore (approximately SGD 20 per transaction). You are also required to state in the telegraphic transfer slip that the payment is for “NTU Summer Programme 2017”.

A copy of the telegraphic transfer slip has to be faxed to +65-6774 2911 or you may email a scanned copy to cce@ntu.edu.sg.

c) Credit Card

You may make payment by Visa or MasterCard. Please fill in the credit card details in the Registration Form.

The duly signed Registration Form has to be faxed to +65-6774 2911 or you may email the scanned copy to cce@ntu.edu.sg.

Certificate

NTU will award a Certification of Participation to participants who achieved at least 75% attendance.

Academic credits will not be awarded by NTU but home universities may consider awarding credit to their own students.

Insurance

You are required to purchase travel insurance to cover your stay in Singapore. Proof of purchase of travel insurance must be submitted to NTU two weeks prior to your arrival. You will not be able to participate in the programme if you do not comply with this requirement.

Accommodation

Twin-sharing student hostel accommodation (air-conditioned) will be provided at NTU main campus during the programme period.

Check-in : 10 July 2017 (Monday), 9 am – 6 pm
Check-out : 21 July 2017 (Friday), 11am

Remarks:

* No extension of stay in the hostel is allowed and you have to adhere strictly to the check-in/check-out timing. Please arrange your own accommodation outside campus if you wish to arrive earlier or extend your stay in Singapore.

* A CASH deposit of SGD 100 or authorisation to charge to a credit card is required upon checking in. The deposit will be fully refunded upon checking-out if there are no damages to the hostel room.



Comments from Past Participants

Exceeded my expectations. It was great!

- Kimberley Skellen, Australia

Programme was perfectly planned and executed!! Thank you. I had a great time.

-Michael Haider, Austria

It's a good programme! Keep going! I will recommend to my classmates.

-Chou Kuan Yeh, Taiwan

Good Programme, well-organised. It was my pleasure being part of it.

-Jannis Topfer, Germany

Great experience!! I would encourage other students to join this programme.

-Li Ka Kit, Hong Kong

Nice experience in Singapore! The classes are arranged very well as well as the journey in Singapore.

- Ben Fang, China

I could meet such diverse people all around the world. The lectures are very helpful for my near future career.

-Hyewon Hwang, Korea

About Singapore

Singapore is made up of not just one island but a main island with 63 surrounding islets. The main island has a total land area of approximately 719.1 square km.

However, its compact size belies its economic growth. In just 150 years, Singapore has grown into a thriving centre of commerce and industry. Its former role as an entrepot has diminished, as the nation has increased its manufacturing base.

Singapore is the busiest port in the world with over 600 shipping lines sending super tankers, container ships and passenger liners to share the busy waters with coastal fishing vessels and wooden lighters. One of the world's major oil refining and distribution centres, Singapore is a major supplier of electronic components and a leader in shipbuilding and repairing. It has also become one of the most important financial centres of Asia, with more than 130 banks. Business dealings are facilitated by Singapore's superb communications network which links the nation to the rest of the world via satellite, 24-hour telegraph and telephone systems.

Singapore's strategic location, excellent facilities, fascinating cultural contrasts and tourist attractions contribute to its success as a leading destination for both business and pleasure.



Introduction to NTU



Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 13th globally. It is also placed 1st amongst the world's best young universities.

The university has colleges of Engineering, Business, Science, Humanities, Arts, & Social Sciences, and an Interdisciplinary Graduate School. It also has a medical school, Lee Kong Chian School of Medicine, set up jointly with Imperial College London.

NTU is also home to world-class autonomous entities such as the National Institute of Education, S Rajaratnam School of International Studies, Earth Observatory of Singapore, and Singapore Centre on Environmental Life Sciences Engineering.

NTU provides a high-quality global education to about 33,000 undergraduate and postgraduate students. The student body includes top scholars and international olympiad medallists from the region and beyond.

Hailing from more than 80 countries, the university's 4,300-strong faculty and research staff bring dynamic international perspectives and years of solid industry experience.

NTU 2020

NTU's new five-year strategic plan, NTU 2020, builds on strong foundations of NTU 2015 and aims to propel NTU to greater heights of research excellence. The plan focuses on five key research thrusts – Sustainable Earth, Global Asia, Secure Community, Healthy Society and Future Learning. The areas leverage NTU's diverse strengths, particularly its longstanding expertise in engineering, business and education, and the interfaces these have with various disciplines such as in healthcare, science and the humanities. NTU's sustainability initiatives have clinched significant competitive research funding and the university is already a global leader in this area.

NTU has set up a medical school jointly with Imperial College London to meet the challenges of ageing and healthcare in Singapore. The Lee Kong Chian School of Medicine, an autonomous institution, will pioneer medical innovations and bring about enhancements to the healthcare system.

Diverse disciplines for diverse talents

In the QS World University Rankings 2016, NTU is ranked 13th in the world. The university's international standing has risen rapidly in recent years and it has been consistently ranked within the top 1% of universities globally. In September 2016, NTU is ranked 54th worldwide in Times Higher Education's World University Rankings.

In July 2011, NTU became the first university in Asia to be rated 5-stars under the new QS Stars rating system. The new system is a comprehensive evaluation by QS across 30 different areas – a broader range of criteria than traditional rankings. NTU scored the maximum of 5-stars each for eight key areas: research, employability, teaching, infrastructure, internationalisation, innovation, engagement and specialist strength.

Well-rounded, global education; tailored programmes for high-achievers

The university's academic and research programmes, with real-world relevance, have reaped dividends in the form of strong support from major corporations and industry leaders, in terms of both research funding and partnerships as well as global internship opportunities for our students.

NTU's undergraduate experience, offering a broad education in diverse disciplines, including residential living and international experience, has also received external endorsement for its holistic curriculum featuring a rich selection of majors and minors.

At NTU, academically-inclined students with a yen for research can take part in the Undergraduate Research Experience on CAmpus programme. High-calibre students with a deep passion for science and technology also have the option to pursue the CN Yang Scholars Programme, a premier undergraduate programme that prepares science and engineering talents for top graduate schools as well as greater feats in the 21st century.

Through its overseas exchange programmes, NTU allows its students to study, do research and work at some of the best partner universities and international organisations. Currently, one in two students at NTU has at least one overseas learning opportunity during the course of their undergraduate studies.

Tech-savvy and adaptable, graduates of the university are sought-after and well-paid, drawing some of the highest starting salaries among local university graduates.

Distinctive edge in science and engineering; Nobel boost

As the main science and technology University in Singapore, NTU has made substantial contributions to Singapore's drive for research and innovation spearheaded by the National Research Foundation (NRF), particularly in the high-investment areas of biomedical sciences, environmental and water technologies, and interactive and digital media.

In February 2010, NTU was globally ranked 8th out of 1,084 institutions that had attracted the highest total citations to their papers published in Thomson Reuters-indexed engineering journals, with 5,912 papers cited a total of 28,516 times.

Increasingly, NTU has been winning the lion's share of Singapore's competitive research funds. From April 2005 to March 2011, NTU won more than S\$1.3b in competitive research funding. In FY10, the most significant external competitive research grant received was from the NRF for the TUM-CREATE Centre for Electromobility, set up with Technische Universität München (TUM). The university has won a total of S\$270m in government funding for its two National Research Centres of Excellence.

A key node in NTU's pursuit of research excellence is the endowed Institute of Advanced Studies, focused on promoting science and technology at the highest level. The institute has attracted 10 Nobel laureates and a Fields Medallist to its panel of International Advisors, and regularly flies in Nobel laureates and other scientific giants to enrich the life and work of the university community.

Campuses

NTU's main 200-ha garden campus - houses Singapore's largest on-campus residence infrastructure including 16 halls of residence for undergraduates and a graduate hall at the Youth Olympic Village of the inaugural Youth Olympic Games in August 2010. Besides the Yunnan Garden campus, NTU has another campus, NTU@one-north, located next to the Biopolis, Singapore's biomedical research hub, and Fusionopolis, a new epicentre of engineering and physical sciences.

NTU@one-north is home to the NTU Alumni Clubhouse. Its proximity to the city means that it is more convenient for alumni to gather and connect with the university. The one-north campus also allows NTU's evening and part-time students better access, so that the university can enhance its delivery of continuing education programmes.

In 2008, the Ewing Marion Kauffman Foundation, one of the world's largest foundations for entrepreneurship, selected NTU as the first Kauffman campus outside of the US.

A university for the world

NTU's global reputation attracts faculty, students and partnerships from Asia, North America, Europe and beyond.

Working with local and global organisations, NTU actively explores cross-disciplinary solutions for the future. Among its academic partners are the Massachusetts Institute of Technology, Stanford University, Cornell University and Carnegie Mellon University in the US; Cambridge University and Technische Universität München in Europe; and Peking University and Waseda University in Asia. NTU works with many global industry and research leaders, and has developed joint laboratories with BMW, Rolls-Royce, Fraunhofer-Gesellschaft, Robert Bosch and Thales.

In 2009, NTU led the formation of the Global Alliance of Technological Universities, comprising seven top universities tackling societal issues through leading-edge science and technology. The alliance harnesses the strengths of its members – the California Institute of Technology, Eidgenössische Technische Hochschule Zürich, Georgia Institute of Technology, Imperial College London, Indian Institute of Technology Bombay, NTU and Shanghai Jiao Tong University. NTU also contributes to the global academic enterprise as a member of the ASEAN University Network, Association of Commonwealth Universities, Association of Southeast Asian Institutions of Higher Learning and World Educational Research Association.

A rich heritage: national monuments on campus

Gazetted as a national monument in 1998 and now housing the Chinese Heritage Centre, the beautifully restored former Nanyang University Administration Building, with a distinct oriental character, overlooks the historical Yunnan Garden. The Nanyang University Memorial and original Nanyang University Arch were also declared national monuments of Singapore in 1998. The NTU Art & Heritage Museum is an approved public museum under the National Heritage Board's Approved Museum Scheme; benefactors who donate artworks and artefacts to NTU enjoy double tax deductions.

NTU - College of Professional and Continuing Education

In line with the government's emphasis on advancing adult education and professional development for Singapore's workforce to better meet future challenges, NTU established the College of Professional and Continuing Education (PaCE College) in 2016 to consolidate continuing education and training capabilities and expertise within the university.

PaCE College develops programmes for continuing professional education and development, to equip Singapore professionals, managers and executives (PMEs) with updated knowledge and skills to keep pace with the rapid technological changes in today's increasingly competitive economy and industrial landscape.

NTU's Office of Professional Education and Centre for Continuing Education are subsumed under PaCE College. The new College draws upon NTU's world-renowned faculty and strong industrial connections to support working adults to update, upgrade and upskill in their journey to attain their professional goals and personal educational aspirations.

Besides the credit-bearing courses drawn from various undergraduate and graduate academic programmes across a wide spectrum of disciplines, PaCE College also offers executive, personal development and enrichment non-credit courses. The new College thus offers multiple educational pathways to professional, intellectual, and creative development through its continuing education programmes.

**Nanyang Technological University
College of Professional and Continuing Education**

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