

SUMMER PROGRAMME INFORMATION SHEET 2017

Dear Prospective Summer Students,

The faculties, staff and students at Nanyang Technological University (NTU) welcome you sincerely to our Yunnan Garden Campus for our **GEM Trailblazer Summer Term** from May to July 2017.

Five summer tracks will be offered:

Track 1: Chinese Language & Cultural Studies

Track 2: Entrepreneurship & Innovation Asia

Track 3: Creative Design and Media

Track 4: Success in the Globalised Marketplace

Track 5: New Technologies, New World



Make friends from all over the world

Ranked among the top 1% of universities worldwide, NTU places you in an academically stimulating environment that is both culturally enriching and socially fulfilling. Our comprehensive and innovative approach towards education and research will help contribute to your future success and inspire you to realise your full potential as an entrepreneurial and technology-savvy leader.

This is also the perfect 'soft landing' in the heart of a booming Asia-Pacific region and a springboard to explore the many cultures, languages and societies surrounding Singapore, which include South East Asia, India and China .

Our unique summer term shall open up fascinating Asian cultural experiences and opportunities for students and at the same time equipped you with key entrepreneurial skills for venture into Asia, where more than 4.3 billion population lives. It shall also be the perfect location for your summer venture to Asia.

The application for the summer programmes is open to all students studying in NTU's partner institutions. We welcome you to join some of our brightest minds and talents from around the world this summer.

Welcome to the start of a wonderful journey of learning and self-discovery!

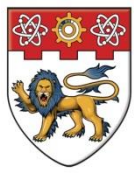
Yours sincerely,

Pauline Ho
Deputy Director
& GEM Trailblazer Team Head
Office of Global Education and Mobility
Nanyang Technological University



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ABOUT SINGAPORE

Singapore – A Garden City

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 682 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 entrepôt 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.

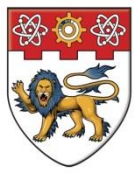
Singapore's strategic location, excellent facilities, fascinating cultural contrasts and tourist attractions contribute to its success as a leading destination for both business and pleasure.

For more information on Singapore, please visit the official Singapore Tourism Website:

<http://www.yoursingapore.com/en.html>



CULTURES OF THE WORLD
Singapore



ABOUT NTU

NTU – A Garden Campus

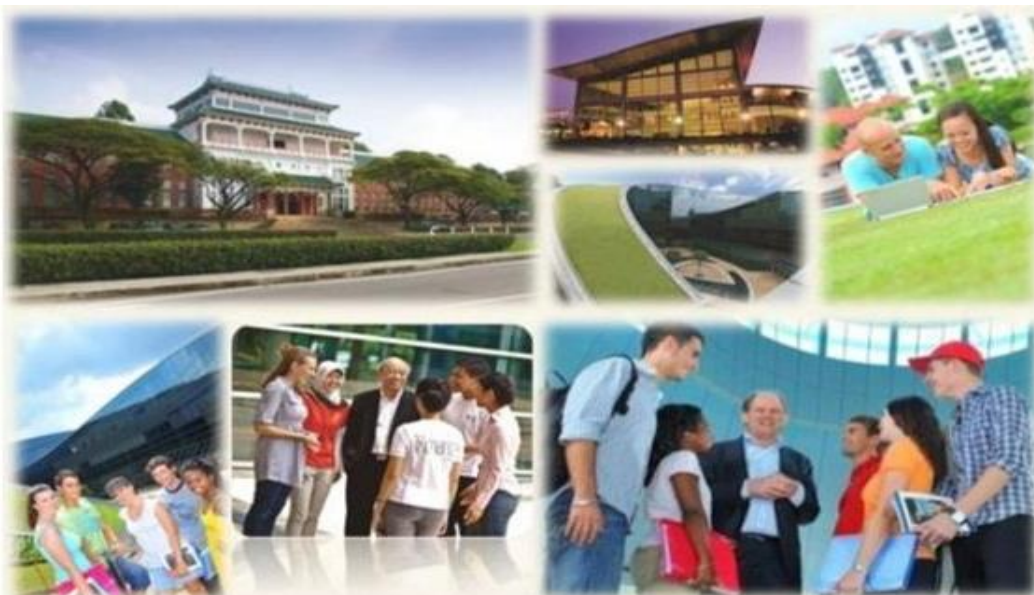
A research-intensive public university, Nanyang Technological University (NTU) has 33,500 undergraduate and postgraduate students in the colleges of Engineering, Business, Science and Humanities, Arts & Social Sciences. In 2013, NTU enrolled the first batch of students at its new medical school, the Lee Kong Chian School of Medicine, which is jointly set up with Imperial College London.

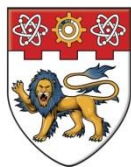
NTU is also home to four world-class autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies, Earth Observatory of Singapore and Singapore Centre on Environmental Life Sciences Engineering – and various leading research centres such as the Nanyang Environment & Water Research Institute (NEWRI) and the Energy Research Institute @ NTU (ERI@N).

A fast-growing university with an international outlook, NTU is putting its global stamp on the Five Peaks of Excellence: Sustainable Earth, Future Healthcare, New Media, New Silk Road and Innovation Asia.

NTU has a satellite campus in Singapore's Science and Tech Hub at One-North, and is setting up a campus in Novena, Singapore's medical district.

For more information, please visit the NTU corporate website at <http://www.ntu.edu.sg>.





PROGRAMME DATES AT A GLANCE

<p>Summer Academic Calendar AY16-17</p>	<p>Summer Term 1: 8 May to 16 June 2017</p> <p>Summer Term 2: 19 June to 28 July 2017</p>
<p>Summer Programme Dates AY16-17</p>	<p>Track 1: Chinese Language & Cultural Studies:</p> <ul style="list-style-type: none"> • Available for Summer Term 2: 3- 28 July 2017 <p>Track 2: Entrepreneurship & Innovation Asia:</p> <ul style="list-style-type: none"> • Available for Summer Term 1: 15 May to 16 June 2017 • Available for Summer Term 2: 26 June to 28 July 2017 <p>Track 3: Creative Design & Media</p> <ul style="list-style-type: none"> • Available for Summer Term 2: 3- 28 July 2017 <p>Track 4: Success in the Globalised Marketplace</p> <ul style="list-style-type: none"> • Available for Summer Term 1: 8 May to 16 June 2017 • Available for Summer Term 2: 19 June to 28 July 2017 <p>Track 5: New Technologies, New World</p> <ul style="list-style-type: none"> • Available for Summer Term 2: 3- 28 July 2017 <p>* Dates may be subject to change. Please refer to the summer website (www.ntu.edu.sg/summerNTU) or email to summerntu@ntu.edu.sg for more information.</p>



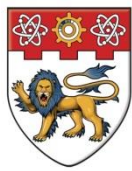
APPLICATION & NOMINATION

<p>Partner Nomination & Student Application Deadlines:</p>	<table border="1"> <thead> <tr> <th></th> <th>Term 1 (8 May – 16 June 2017)</th> <th>Term 2 (19 June – 28 July 2017)</th> </tr> </thead> <tbody> <tr> <td>Partner Nomination</td> <td>January 2017 onwards</td> <td>January 2017 onwards</td> </tr> <tr> <td>Student Application</td> <td>10 March 2017</td> <td>21 April 2017</td> </tr> </tbody> </table>		Term 1 (8 May – 16 June 2017)	Term 2 (19 June – 28 July 2017)	Partner Nomination	January 2017 onwards	January 2017 onwards	Student Application	10 March 2017	21 April 2017
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Partner Nomination	January 2017 onwards	January 2017 onwards								
Student Application	10 March 2017	21 April 2017								
<p>Eligibility</p>	<p>Students may apply via exchange or fee-paying basis.</p> <p>Exchange students – students from one of <i>NTU's exchange partners</i> who have been nominated by the Partner University as exchange students where there is an exchange gap.</p> <p>Fee-paying students – students from <i>NTU's exchange partners</i> who are not nominated as exchange students.</p>									
<p>Language</p>	<p>All courses are credit bearing and taught in English</p>									
<p>Study Level</p>	<p>Undergraduate or Non-Humanities/Business graduate students</p>									
<p>Summer Course Load *</p>	<p>Minimum: 1 course (3 Academic Units or AUs) Maximum: 2 courses (6 Academic Units or AUs) <i>Typically NTU students take 4 courses (12 AUs) in a semester</i></p> <p>* Except for Track 2: ET9131 to ET9132 (students can take up to 4 courses subject to the approval of the home university)</p>									
<p>Credit Transfer</p>	<p>All summer courses are credit bearing. Except for Track 1 (Chinese Language and Cultural Studies) which bears 6 Academic Units, all other summer courses in all tracks bear 3 Academic Units each and the equivalent of 39 contact hours.</p>									
<p>Study Level</p>	<p>Undergraduate or Non-Humanities/Business graduate students</p>									



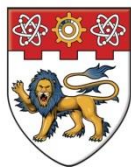
APPLICATION & NOMINATION

<p>English Proficiency</p>	<p>We shall deem that students nominated are suitable to come on exchange and would be able to cope with the rigorous curriculum conducted in English at NTU.</p> <p>Proof of English proficiency from students is required for some of the summer courses (refer to the course description on the requirement for English proficiency).</p> <p>Based on our requirements, please refer below on a guideline for a student to cope with studying at NTU:</p> <ul style="list-style-type: none"> • General Paper of the Singapore Cambridge GCE 'A' Level Examination (sat in 2007 onwards): A, B, C, D, E • General Paper of the Singapore Cambridge GCE 'A' Level Examination (sat in 2006 or earlier): A1, A2, B3, B4, C5, C6 • IELTS: A minimum of 6 for the Writing sub-test • TOEFL: A minimum of 570 (paper) or 90 (internet) or 237 (computer) • SAT1: A minimum of 600 for the Verbal section; or 7 for the Essay section • IB: A minimum of four (4) for Higher Level English or four (4) for Standard Level English • MUET: Band 6 and a minimum of 50 for writing • GEPT: High intermediate Stage 2 consisting of writing and speaking modules (applies to students from Taiwan universities only)
<p>Course Cancellation:</p>	<p>A summer course will be cancelled if there are fewer than 10 registrations by 8 May 2017. In the event that your course is cancelled, please consult immediately with the GEM Trailblazer Summer Programme Office via email: summerNTU@ntu.edu.sg regarding alternative course registration</p>
<p>Study Exchange Spots (for Partners Information)</p>	<p>One student who completes 1 course in the Summer Programme is considered as 0.5 spot of exchange</p>
<p>Auditing:</p>	<p>GEM Trailblazer Summer Programme Office does not allow students to audit lectures</p>



APPLICATION & NOMINATION

<p>Nominations by partner universities</p>	<ol style="list-style-type: none"> 1. Exchange coordinator(s) of partner institutions are only required to email the completed nomination form to summerNTU@ntu.edu.sg. Please indicate your mailing address in the form so as to better facilitate transcripts sending after summer ends. 2. You can include both exchange and fee-paying students in the nomination form. 3. This programme is open to all nationalities.
<p>Student online application process</p>	<ol style="list-style-type: none"> 1. Nominated / Fee-Paying students shall submit an online application through the following link: https://venus.wis.ntu.edu.sg/NG_APP/Pages/Login.aspx [please select summerNTU (exchange) or summerNTU (fee-paying) from the drop down box in the Student Category field]. 2. <u>NO MAILING</u> of original documents is required. 3. <u>Supporting Documents Needed for Online Application</u> <ol style="list-style-type: none"> 1. Latest official transcript in English (signed by the Registrar and should include the university's seal), reflecting all courses taken during the study period in your home university in <u>PDF format</u> (<600 kb) 2. Clear, coloured passport-size photo in JPEG format (<60kb; 400(W) x 514(H) pixels) 3. Clear & coloured, scanned copy of passport information page (<i>valid for at least 6 months from the commencement of your exchange at NTU</i>) in JPEG format (<200 kb) 4. Upon successful submission of online application, students will receive an email acknowledgement of their submission. 5. Students will be informed via email with a Letter of Enrolment and Acceptance (LOEA) within 7 working days, if their application is successful. 6. Students should verify that the courses stated in the LOEA are the courses they wish to register for, endorse their signature on the acceptance page, and email a scanned copy to summerNTU@ntu.edu.sg. 7. Upon receipt of the signed acceptance page, an email with payment instructions will be sent. 8. Payment of programme fees will be conducted through World Pay via credit card or bank transfer. 9. Bank Transfer Details: <p style="margin-left: 20px;">OCBC Bank Account Details: 537-010027-001 Bank Code: 7339 Branch Code: 537 SWIFT Code: OCBCSGSG</p>



APPLICATION & NOMINATION

<p>Change of Courses upon acceptance of enrolment</p>	<p>Students are advised to select their summer courses very carefully before putting in their online application. If students have any queries about the courses, they should check the syllabus on the summer webpage http://global.ntu.edu.sg/GMP/GEMTrailblazer/SummerProgramme/Pages/SummerNTU.aspx or email to summerNTU@ntu.edu.sg for clarification prior to submitting their online application.</p> <p>The summer courses listed in the Letter of Enrolment and Acceptance would be the final courses that you will read at NTU for the Summer Programme.</p> <p>NOTE: Please note that NO ADD-DROP of courses are allowed once student has signed on the Letter of Acceptance, or once Summer Programme commences.</p>
<p>E-welcome package</p>	<p>Students will receive the E-Welcome package via email upon full payment of programme and accommodation fees.</p> <p>The E-Welcome Package includes the following items:</p> <ul style="list-style-type: none">• Entry Visa requirements (if required)• Information on Group Hospitalization & Surgical Insurance (GHSI)• Course information and schedule• Events and Activities schedule



PROGRAMME SYLLABUS

Track 1: Chinese Language & Cultural Studies (6 AUs)

Date: Term 2 – 3-28 July 2017

Overview

Delivered by NTU's Confucius Institute, this track is designed to equip students with basic Chinese language skills as well as expose them to the intriguing Chinese cultures. It consists of 2 parts: Chinese language and Chinese Cultural Studies. It will be conducted over 4 weeks, Mondays to Fridays, 9.30am – 5.00pm, at the NTU campus.

Description

<p>CF9001</p> <p>Part 1: Confucius Institute Basic Chinese Language</p> <p>(3 AUs)</p>	<p>The Chinese language course is specially designed for students with little or no background on the language to gain insights into the Chinese Language.</p> <p>The course contents are topics-based to help you master basic conversational skills for daily usage. Basic reading and writing skills are also introduced to help students accumulate Chinese vocabulary and enhance their learning of the Chinese language. Through an experiential learning approach, students will have to perform several assigned activities to enhance their learning and understanding of the language.</p> <p>At the end of the course, students will be able to understand and construct simple phrases, conduct basic conversations as well as learning how to write basic strokes, character components and single-component characters. They can expect to learn up to 260 Chinese characters, 40 grammatical points and 300 commonly-used sentences.</p>
<p>CF9001</p> <p>Part 2: Chinese Cultural Studies</p> <p>(3 AUs)</p>	<p>The Chinese cultural studies course aims to expose exchange students to the interesting yet unique aspects of the Chinese culture found in Singapore. As Singapore is a melting pot of the East and the West, students in this course will also be introduced to the Malay, Indian and other cultures to help them better appreciate multi-cultural Singapore.</p> <p>By understanding the development of the history of the Chinese in South East Asia, student's understanding of the Chinese culture in Singapore will be enhanced through and aesthetic aspects of Chinese ink painting, Chinese paper cutting and Traditional Chinese Medicine.</p> <p>Appreciation of unique Chinese culture will be further enhanced through field trips (e.g. to selected places-of-interest which has significant Chinese Cultural Heritage).</p>



PROGRAMME SYLLABUS

Track 1: Chinese Language & Cultural Studies (6 AUs)

Date: Term 2 – 3-28 July 2017

STRUCTURE	
Topic	Learning Objectives
Introduction	This section introduces the Chinese phonetic system (hanyu pinyin) and the Chinese writing system, the two most fundamental knowledge in learning Chinese. Students will be given a broad overview of the systems, and learn how to apply the basic knowledge through reading and pronouncing Chinese lexical terms.
Common Greetings	Students are introduced to a list of frequently used greetings in daily life. This ranges from polite greetings in special occasions to regular greetings in daily life.
Family & Given Names	Students learnt the basic ways of asking & telling their names. Simple introduction of themselves shall be taught too.
Countries and Nationalities	Students learn the basic ways of asking & telling a person's nationality and origin, as well as polite ways to ask questions and make requests.
Occupation	This section teaches the structure of asking & answering about one's occupation and the ways to affirm/negate questions & comments from others. Both proper and causal ways of saying shall be taught.
Physical Appearance	This section teaches about a person's physical appearance, how to tell a person's height, weight and general appearance. Students will also be taught positive /negative question forms.
Age	Students learnt how to ask and tell a person's age for different age groups (adults, children & seniors).
Locations and Addresses	Students learnt how to ask and tell a person's location and address, as well as the distance between places.
Family and Relationships	This section teaches about family members and how students can ask and tell briefly about their family. Students will also learn how to express their feelings / opinions about something.
Time and Calendar	Students learn the basic ways of asking and telling time and dates, and the polity way of asking. Students will also learn how to tell others what to do at a certain time.
Introductory Terms	This section teaches the basic ways of introducing oneself.

Individual Course Assessment

Components	%
Language (including written, listening and oral)	75
Culture	25
Total	100



PROGRAMME SYLLABUS

Track 2: Entrepreneurship & Innovation Asia (3 AUs per course)

Dates: Term 1 – 15 May to 16 June 2017

Term 2 – 26 June to 28 July 2017

OVERVIEW

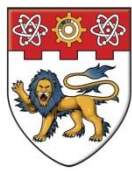
Offered by the Nanyang Technopreneurship Centre, this track is designed to equip students with the fundamental entrepreneurship competencies, business acumen and stamina to build and grow businesses. Consisting of four (4) courses, it will cover topics such as entrepreneurship; creativity; writing business plans; business accounting; intellectual property; marketing strategy; risk evaluation; financial projection; securing finances; and managing team members.

The courses will be offered over Summer Term 1 and Summer Term 2, and conducted over 5 weeks, Mondays to Fridays, at the Nanyang Technopreneurship Center in NTU.

For this track, students have the option to take minimum of two courses (6 AUs) and maximum of four courses (12 AUs), subject to the approval of your Home University. Do read carefully the pre-requisites for each course before you apply.

DESCRIPTION

<p>Course 1: ET9131</p> <p>Entrepreneurship & Marketing for New Ventures</p> <p>(3 AUs)</p>	<p>Learn about creativity, innovation and new venture creature in the field of entrepreneurship. Be also exposed to entrepreneurship marketing where you will learn how to select, develop and evaluate new products, set prices and make the most efficient use of public relations and publicity.</p> <p><i>Note: Business students may be exempted from this course if you have taken a similar course at your Home University and obtained a B grade or above for the course (proof of transcript is required).</i></p> <p>Course dates: Term 1: 15 May –22 May 2017 Term 2: 26 Jun – 3 July 2017</p>
<p>Course 2: ET9132</p> <p>Entrepreneurial Accounting & Finance</p> <p>(3 AUs)</p>	<p>Learn basic accounting concepts, followed by financial concepts and tools relevant to entrepreneurs.</p> <p><i>Note: Business students may be exempted from this course if you have taken a similar course at your Home University and obtain a B grade or above for the course (proof of transcript is required).</i></p> <p>Course dates: Term 1: 23 May – 29 May 2017 Term 2: 3 – 10 July 2017</p>



PROGRAMME SYLLABUS

Track 2: Entrepreneurship & Innovation Asia (3 AUs per course)

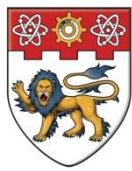
Dates: Term 1 – 15 May to 16 June 2017
Term 2 – 26 June to 28 July 2017

STRUCTURE

Lessons are conducted by business leaders, entrepreneurs, and dedicated academics with entrepreneurial experience. As part of the course, students will also be exposed to social setting where you can meet and mingle with successful entrepreneurs and working professionals in a start-up space in Singapore.

ASSESSMENT

- Class participation
- Team-based project
- Presentation/Examination



PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: Term 2 – 3-28 July 2017

OVERVIEW

Conducted by the College of Humanities, Arts and Social Sciences, this track consists of courses in creative writing, design and media.

Creative Writing courses focus on the various genres of poetry, prose and film as the students recreate and tell their own Asian and Singapore journeys through writing, editing, and new media production tasks. The Animation course will combine teaching basic and advanced animation techniques combined with Asian design approaches for visual development and production design. The Design course endeavours to deepen the design students' skills through designing within the ethos of Asian cultures and heritage.

The courses in the creative design and media track will be conducted over four (4) weeks at the NTU campus. Each course carries three (3) academic units (AU). Students can select up to two (2) courses from this track. Proof of English proficiency is required for students taking all the summer courses in this track.

DESCRIPTION

Course 1: HZ9205

Exterior Worlds - Writing for Film

(3 AUs)

The aim of this course is to introduce students to the major principles of creating narratives for film and developing professional screenplays. Students will be looking at story structure, character, screenwriting formats and techniques which will culminate in a writing project with close mentoring from the facilitator. This will be done within the context of the students' time in Singapore, with reference to the local film culture, and students will be encouraged to develop scripts inspired by their experiences here.

Course dates: 3-28 July 2017

Course 2: HZ9202

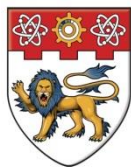
Prose (Fiction) - Voyages in Fiction

(3 AUs)

The aim of this course is to encourage students to recognize the world as the potentiality of fiction. Students will generate new writing both inside and outside of the classroom; analyze published short stories in order to recognize their technique; and critique their own stories in a fun and supportive workshop environment. Student's discussion will include the technical aspects of writing with an emphasis on what it feels like to engage with an idea and bring it to realization.

Restriction: HZ9203 Prose (non-fiction) – Home and Away

Course dates: 3-28 July 2017

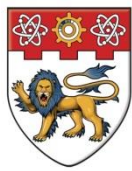


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 3: HZ9203</p> <p>Prose (non-fiction) -Home and Away</p> <p>(3 AUs)</p>	<p>Where are you now and where are you coming from?</p> <p>In this course students will encounter and experiment with a variety of non-fictional forms, concepts and topics like memoir; biography; travelogue; local history; the lyric essay; image and text narratives; psychogeography; the flâneur; architecture; food and nature – all in order to portray not only Singapore of the here and now, but the terrain of the past.</p> <p><i>Restriction: HZ9202 Prose (fiction) - Voyages in Fiction</i></p> <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course 4: HL2020</p> <p>World Poetry - A Multimedia Performance Game</p> <p>(3 AUs)</p>	<p>This is a writing, editing and performance class focused on poetry. In this course students will write and read a variety of poems, then choose their favourites to make into an illustrated card-deck anthology. Students will then collaborate to devise a group performance based on <i>Uta-garuta</i> game rules.</p> <p>No previous visual art or performance experience is necessary.</p> <p><i>Course dates: 3-28 July 2017</i></p>

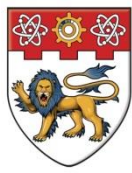


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 5: CS0204 Basic Media Writing (3 AUs)</p>	<p>The aim of the course is to introduce students to the basics of good writing for the media. It will include writing for print publications, broadcast, commercial needs, as well as advertising and Public Relations. The main focus will be on news writing, as this is a good basis for examining all forms of media writing.</p> <p>It will introduce students to the theory of communication, putting in place the WHY of writing. What are they hoping to achieve with their writing? How can it connect with the intended audience? It will cover the WHAT of writing for the media, looking at the essentials of accuracy, fairness, balance, brevity and responsibility. And it will introduce some principles of HOW media writing is done, from information gathering, to structure and style, to editing and polish of the final text.</p> <p>This course is opened to all students.</p> <p><i>Pre-requisite: Students need to have a strong grasp of English in order to complete the writing assignments for this course.</i></p> <p>Course dates: 3-28 July 2017</p>
<p>Course 6: CS2044 Photojournalism (3 AUs)</p>	<p>This course is suitable for beginners already equipped with basic photographic skills (in using a DSLR). The primary goal of this course is to introduce students to the practice of visual journalism using still photography as the medium of expression. A photojournalist gives voice to others and bears witness, document history and communicate news – visually – so people may better understand and appreciate the world around them.</p> <p>Students will learn about the methods and processes of photojournalism in this course with an emphasis on practical skills. Even if one does not plan to pursue photojournalism as a career, this course is beneficial when it comes to making editorial decisions for print or websites.</p> <p><i>Pre-requisite: Students with knowledge of DSLR cameras is preferred. Students are required to bring their own DSLR cameras for this course.</i></p> <p>Course dates: 3 – 28 July 2017</p>

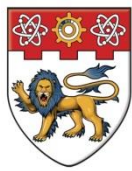


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 7: DA9007</p> <p>Designing from the Asian Point of View</p> <p>(3 AUs)</p>	<p>This is a four week course for designers and design students who are practicing or studying graphics, product and interaction, a unique opportunity to design from Asia, seeking design ethos from the region, for the global society.</p> <p>The aim of this course is to encourage the participants to discover a personal voice, as expressed through their work, that has been illuminated by an informed study and working within Asia. Key to this course is the open yet informed approach to understanding various Asian cultures and heritage and exploring how they can play a role in the growth and development of the designer as global citizen.</p> <p><i>Pre-requisite: Preference is for students with background in Art / Design.</i></p> <p>Course dates: 3-28 July 2017</p>
<p>Course 8: DA9008</p> <p>Animation: The Asian Perspective</p> <p>(3 AUs)</p>	<p>This is a four week course for animators, filmmakers and designers. This class will combine teaching basic and advanced animation techniques combined with Asian design approaches for visual development and production design. Different stages of prior knowledge to the field of animation can be accommodated individually: The course is suitable for absolute beginners as well as advanced animators. Students and professionals from the fields of animation, digital filmmaking, visual communication and interactive media can benefit from this course and its multifaceted approach.</p> <p>The aim of this course is to enable the participants to strengthen their individual artistic voice that has been informed by the multi-cultural and cosmopolitan environment of Singapore and by working within Asia. Key to this course is the open yet informed approach to understanding various Asian cultures and heritage and exploring how they can play a role in the growth and development of the animator and designer as global citizen.</p> <p>Course dates: 3-28 July 2017</p>

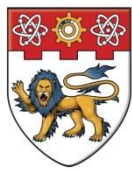


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 9: AAA18E (NEW)</p> <p>Drawing</p> <p>(3 AUs)</p>	<p>This course investigates the nature of drawing from the perceptual domain, using drawing as a vehicle for visual inquiry to record from observation. This course is for anyone who cannot draw but would like to learn to. At the end of the course, participants will be able to draw anything they see.</p> <p>The aim of this course is to enable participants to recognise the differences between the 2 modes of our brain and employ strategies to consciously activate the visual-perceptual mode for seeing and drawing. Participants will learn to demonstrate and apply drawing as a medium to make the process of seeing visible. This course also helps participants to draw confidently from observation through application of the 5 perceptual skills – Perception of 1. Edges, 2. Spaces, 3. Relationships, 4. Lights and Shadows and 5. the Gestalt.</p> <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course 10: AAA18J (NEW)</p> <p>Painting with Watercolors</p> <p>(3 AUs)</p>	<p>This course aims to highlight the beauty and ephemeral qualities of watercolour painting. Students will be progressively taught various techniques to achieve different results. There will be an emphasis on hands-on practice as well as keynotes on how to appreciate the visual qualities of watercolour paintings. Students will first be taught basic drawing and paintings skills, after which students are encouraged to take a more experimental and gestural approach to watercolour painting.</p> <p>By the end of the course, participants would have:</p> <ol style="list-style-type: none"> 1. Acquire a host of different watercolour painting skills. 2. Improve on observational skills and better sensitivity to identify colours. 3. Gain confidence and autonomy in one's artistic expression. 4. Create dynamic artworks that show thoughtful understanding of composition and execution. 5. Communicate and draw in a more efficient and effective way. <p><i>Course dates: 3-28 July 2017</i></p>

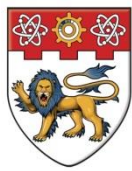


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 11: AAA18K (NEW)</p> <p>Communication Design</p> <p>(3 AUs)</p>	<p>This basic introduction to design will equip students with the ability to understand Design better. They do so from ground up, by learning basic software handling in Photoshop and Illustrator. With hands on exercises and in class sessions, its will enable students to familiarize themselves with the right tools in creating the ideal design. Sessions in Design theories and looking at successful design references, would provide a brief historical timeline on the evolution of good Design. At the end of these sessions, students are more competent to better understand the various Design software tools and know which ones are the ideal ones to be used for any design task.</p> <p>By the end of the course, participants would have:</p> <ol style="list-style-type: none"> 1. Basic understanding of Photoshop / Illustrator 2. Basic Image editing skills 3. Create Logos, Posters, Info graphics 4. Elements / Principals of design <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course 12: AAA28Q (NEW)</p> <p>Interactive Art</p> <p>(3 AUs)</p>	<p>Interactive art provides an insight to one of the disciplines of art where it engages viewers via electronics and sensors. By using electronics and embedding into the artwork, it enhances the engagement experience of the viewer. Students will be able to understand basic electronics and how to create simple circuits that work. These circuits, range from flasher, to buzzer, light sensor and also amplifier. They will understand how to read electronic designs and be able to create physical functional circuits. These circuits will then be embedded into their artwork creating an engaging and interactive artwork.</p> <p>By the end of the course, participants would have:</p> <ol style="list-style-type: none"> 1. Crafting Interactive artwork and how to better understand them. 2. Basic understanding of electronics. 3. How to use schematic drawings to create almost any electronic circuits. 4. Integrate the circuits created into their artwork to create an interactive artwork <p><i>Course dates: 3 – 28 July 2017</i></p>

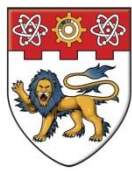


PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course 13: AAE28B (NEW)</p> <p>Introduction to Children's Literature</p> <p>(3 AUs)</p>	<p>This course explores major forms and genres in children's literature, focusing on important traditions, themes and conventions, and considering their relevance to the linguistic and imaginative development of young readers. Participants will read a wide range of children's literature, including fairy tales, poetry and picture books, and contemporary children's novels from the West, Asia and other parts of the world. Through the course, participants will learn to appreciate, critically read, select and use/teach children's literature.</p> <p>Through this course, participants will</p> <ol style="list-style-type: none"> 1. Read a wide range of children's literature from different parts of the world. 2. Select appropriate books for children. 3. Critically respond to selected children's literature. 4. Write a story for children aged 6-12 years. <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course 14: AAR10C (NEW)</p> <p>Multicultural Studies/Singapore and South East Asia Literature</p> <p>(3 AUs)</p>	<p>This module will explore cultural and historical connections and shared ethnic traditions in the literatures of post-independence Southeast Asian nations and Singapore. Using translated works as well as writing in English, students will look, for example, at the literary treatment of immigrant identities. It could also look at the modern woman's struggle against Asian patriarchal cultures and consider similarities and differences in these nations' literary constructs of modernity and their engagement with the outside world.</p> <p>By the end of the course, participants would have:</p> <ol style="list-style-type: none"> 1. An understanding of some of the major issues facing post-independent Singapore and SE-Asian nations. 2. An appreciation of cultural memory and how history is constructed. 3. An understanding of the interplay between race, gender, culture and sexuality in the construction of national subjects in the region. <p><i>Course dates: 3 – 28 July 2017</i></p>



PROGRAMME SYLLABUS

Track 3: Creative Design and Media (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION

**Course 15: AAR23C
(NEW)**

Film Studies

(3 AUs)

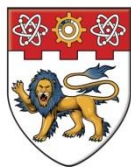
This course aims to provide an introduction to film appreciation and analysis. As this course is offered by the English Language and Literature Academic Group, the focus of the course is on film as a construct of art and narrative, paying particular attention to aspects of film form, aesthetics and style. Due to the constraints of time, we will study primarily contemporary feature films from the year 2000.

The course is divided into two parts. Part One introduces the four elements of film namely mise-en-scene, cinematography, editing and sound that provide the basic vocabulary of film studies. Part Two studies filmic texts as visual forms of story-telling and explores the issues of representation and spectatorship.

By the end of the course, participants would be able to:

1. Identify key stylistic areas of film and apply this knowledge to the detailed analysis of filmic texts.
2. Develop an appreciation and understanding of the function of narrative in film.
3. Engage with broader theoretical and critical readings in order to produce a stronger reading of a movie.

Course dates: 3-28 July 2017



PROGRAMME SYLLABUS

Track 4: Success in the Globalised Marketplace (3 AUs per course)

Dates: Term 1 – 8 May to 16 June 2017

Term 2 – 19 June to 28 July 2017

OVERVIEW

Students who wish to gain all-round insights into the global skillsets required for today's competitive market place and the corporate world will be able to select from a range of business and humanities courses in this track.

The diverse range of courses include leadership, cultural intelligence, business finance, marketing, accounting, negotiation etc. This track will be offered over Summer Term 1 and Summer Term 2 over 4-6 weeks at the NTU campus. Please refer to the course description for the exact dates of each course.

Students can select up to two (2) courses from this track. Proof of English proficiency is required for students taking Business and Management summer courses.

DESCRIPTION

<p>Course 1: BU8501</p> <p>Marketing for the 21st Century</p> <p>(3 AUs)</p>	<p>This course is designed for students who have chosen to specialise in disciplines other than business. This course will discuss the basic principles of marketing with a focus on its practice and how this understanding could potentially enhance the students' future performance in their chosen field.</p> <p>A hands-on approach is expected of students and activities have been incorporated to encourage observation and enhance analytical ability. The course will require students to analyse businesses, lead discussions and present your analysis and recommendations on selected organisation.</p> <p>Course dates: Term 1: 8 May –16 Jun 2017 Term 2: 19 Jun – 28 Jul 2017</p>
<p>Course 2: BU8201</p> <p>Business Finance</p> <p>(3 AUs)</p>	<p>This is an introductory course for non-business and non-accounting students. The course provides students with a broad understanding of the principles and practice of Business Finance/Financial Management with an emphasis on the major financial decisions made by companies and the valuation of investments made by them.</p> <p>Topics include various forms of businesses; interest rates; time value of money; the linkage between risk and return; capital budgeting and capital structure; enhancing the value of firms through dividends issuing and use of derivatives; etc. Students intending to take this course should be numerate (good and comfortable with mathematical calculations and formulas).</p> <p>Course dates: Term 1: 8 May –16 Jun 2017 Term 2: 19 Jun – 28 Jul 2017</p>



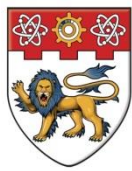
PROGRAMME SYLLABUS

Track 4: Success in the Globalized Marketplace

Dates: Term 1 – 8 May to 16 June 2017

Term 2 – 19 June to 28 July 2017

DESCRIPTION	
<p>Course 3: BU8101</p> <p>Accounting: A User's Perspective</p> <p>(3 AUs)</p>	<p>This course is designed for students who have chosen to specialise in disciplines other than business. This course will discuss the basic principles of marketing with a focus on its practice and how this understanding could potentially enhance the students' future performance in their chosen field.</p> <p>A hands-on approach is expected of students and activities have been incorporated to encourage observation and enhance analytical ability. The course will require you to analyse businesses, lead discussions and present your analysis and recommendations on selected organisation.</p> <p><i>Students taking this course in Term 1 are advise not to take BU8601.</i></p> <p><i>Course dates: Term 1: 8 May–16 Jun 2017 Term 2: 19 Jun – 28 Jul 2017</i></p>
<p>Course 4: BU8601</p> <p>Fundamentals of Management</p> <p>(3 AUs)</p>	<p>To function in an organisation, technical skills by themselves are insufficient; they have to be supplemented by management training.</p> <p>This course is designed for non-business students and aims to equip them with the knowledge, skills and competence in various aspects of management, including: the role of management and managers; decision making, planning and strategy; managing organisational architecture; managing individuals and groups; and controlling critical organisational processes.</p> <p><i>Students taking this course in Term 1 are advised not to take BU8101.</i></p> <p><i>Course dates: Term 1: 8 May–16 Jun 2017</i></p>
<p>Course 5: BU8641</p> <p>Cultural Intelligence: How to be an Explorer of the World</p> <p>(3 AUs)</p>	<p>Cultural Intelligence is the capability to function effectively across national, ethnic and organisational cultures. IQ and EQ are no longer enough, Cultural intelligence is becoming a critical predator for success in the borderless world of the 21st century.</p> <p>This course will provide you with a conceptual framework for cultural intelligence, as well as a set of tools to navigate and explore the world.</p> <p><i>Course dates: Term 2: 3-28 Jul 2017</i></p>



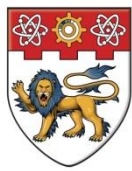
PROGRAMME SYLLABUS

Track 4: Success in the Globalized Marketplace

Dates: Term 1 – 8 May to 16 June 2017

Term 2 – 19 June to 28 July 2017

DESCRIPTION	
<p>Course 6: BU8642</p> <p>Leadership in the 21st Century</p> <p>(3 AUs)</p>	<p>This course aims to facilitate students in learning theoretical knowledge and practical skills (e.g., coaching, teambuilding, goal-setting, and conduct effective meeting).</p> <p>Through the on-line psychometric surveys, ongoing collaborative and peer learning processes, you will gain greater self-awareness about your own leadership style, strengths and weaknesses, and how to develop your leadership competencies throughout your career.</p> <p><i>Course dates: Term 2: 3-28 Jul 2017</i></p>
<p>Course 7: HC8004</p> <p>Chinese Tradition & Society</p> <p>(3 AUs)</p>	<p>This course is designed as a broad introduction to the rich history of Chinese culture in various forms of its heritage from folklore, landscapes, architecture, artefacts to literature, rituals and crafts. Participants will learn about the development of the Chinese society through thousands of years and discover how different Chinese traditions as part of a larger Asian cultural heritage; reflect a result of diversity and cross-cultural exchanges through migration; trade and the spread of religious beliefs. The meanings and values of Chinese culture in its different aspects will be made more accessible to the learner, as one appreciates these through popular culture such as movies, along with popular literature, visual arts, music, dance and so on. To enhance the learning experience, the course will also include field trips to museums and historical sites, as well as workshops in calligraphy, painting, performing arts and martial arts.</p> <p><i>Course dates: Term 2: 3-28 Jul 2017</i></p>



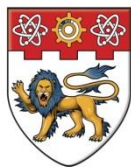
PROGRAMME SYLLABUS

Track 4: Success in the Globalized Marketplace

Dates: Term 1 – 8 May to 16 June 2017

Term 2 – 19 June to 28 July 2017

DESCRIPTION	
<p>Course 8: AAH33J (NEW)</p> <p>The 19th Century World of Southeast Asia</p> <p>(3 AUs)</p>	<p>The course hopes to, as an extension of the introductory course, probe into several themes of interest, such as on empire building, diaspora as well as the subaltern and “middling” world, in island Southeast Asian history. Specific primary sources such as memoirs, travelogues and contemporary histories written during the period, will serve as stimuli, hand-in-hand with secondary interpretations to bring students back into the world of the past in this region.</p> <p>At the center of Southeast Asia, a fieldtrip walk will be undertaken, based on an 1860 map of Singapore, to relive the environ of one of the most bustling settlement in the region. At the end, it is hoped that students will gain a deeper appreciation of Southeast Asian history in the 19th century.</p> <p><i>Pre-requisite: Preliminary acquaintance with Southeast Asia and its history</i></p> <p><i>Course dates: Term 2: 3-28 Jul 2017</i></p>
<p>Course 9: AAM18G (NEW)</p> <p>History of Mathematics I</p> <p>(3 AUs)</p>	<p>The historical development of certain fundamental concepts in mathematics from Ancient Times until around 1000 AD will be introduced by means of a series of case studies. Each case study will highlight the contribution of a particular famous mathematician of history, including their personal motivation and the socio-cultural context in which they were working. Open to both mathematics and non-mathematics majors, this course is aimed at students with an interest in mathematics.</p> <p><i>Course dates: Term 2: 3-28 Jul 2017</i></p>



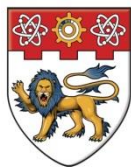
PROGRAMME SYLLABUS

Track 4: Success in the Globalized Marketplace

Dates: Term 1 – 8 May to 16 June 2017

Term 2 – 19 June to 28 July 2017

DESCRIPTION	
<p>Course 10: EE8066 (NEW)</p> <p>Happiness 101</p> <p>(3 AUs)</p>	<p>The course is designed to:</p> <ol style="list-style-type: none"> Understand the fundamental ideas of Positive Psychology - and how these ideas can radically change the way we relate to ourselves and others; Increase the "positivity ratio" as a means toward higher levels of creativity, motivation, health, and overall success - in individuals, groups, and organizations; Use a variety of scientifically proven techniques from within the Positive Psychology toolbox that can lead to lasting change rather than a temporary high; Practice the art and science of effective communication - how to present ideas, with authenticity, to individuals and groups; Understand the key drivers of healthy and happy interpersonal relationships, and learn how to apply this understanding to one's own and others' relationships; Practice and learn a variety of mind-body techniques that help enhance physical and mental health <p>Course dates: Term 2 (TBC)</p>
<p>Course 11: EE8086 (NEW)</p> <p>Astronomy – Stars, Galaxies And Cosmology</p> <p>(3 AUs)</p>	<p>The basic goal of this course is to give students a fundamental understanding of astronomy. Through the course, the students will learn about the birth of the universe, the origin of galaxies, the evolution of stars and the formation of planets. Our solar system will be one of the main topics to be studied. Some unanswered mysteries of the universe and mankind will be discussed and hopefully lead the students to further their own exploration. During this course, the diverse facts that form the context of a science will be delivered. During the course, students will also have opportunities to participate in various practical sessions and trips may be organized where appropriate.</p> <p>Course dates: Term 2 (TBC)</p>



PROGRAMME SYLLABUS

Track 5: New World, New Technologies (3 AUs per course)

Date: 3-28 July 2017

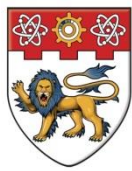
OVERVIEW

Conducted by the world's most cited and published Professor Dr Chua Chee Kai, Executive Director of the Singapore Centre for 3D Printing in NTU, this course introduces the world of 3D Printing and Bioprinting and their applications in the real world.

The courses in this track will be conducted over four (4) weeks at the NTU campus. Each course carries three (3) academic units (AU).

DESCRIPTION

<p>Course Code: MA9031</p> <p>3D Printing and Additive Manufacturing: Principles and Applications (3 AUs)</p>	<p>This course aims to provide a general understanding of Additive Manufacturing or 3D Printing as it is more commonly known. It starts with an introduction and the importance of 3D Printing and describes the process chain.</p> <p>The course will equip the students with all the 3D printing systems and technologies, their pros and cons. It will also cover the file format used in 3D printers. More importantly, a comprehensive range of applications and case studies will be covered. Finally, benchmarking, growth and trends will be described.</p> <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course Code: MA9030</p> <p>Bioprinting: Principles and Applications (3 AUs)</p>	<p>This course aims to provide a general understanding of bioprinting. Bioprinting is a multidisciplinary technology that merges the fields of cell culture, biomaterials science and mechanical engineering. This is a new manufacturing paradigm that has huge potential impact in the development of advanced biological tissue models and medical therapeutic products.</p> <p>The course starts with introduction to tissue engineering and scaffolds for tissue engineering. Various bioprinting processes will be explained and the materials for bioprinting will be introduced. The students will also learn about cell sources and 3D cell culture techniques. Other topics include computational design and simulation in bioprinting. Students will also attend a workshop on bioprinting to be exposed to the operation of a bio-printer.</p> <p><i>Course dates: 3-28 July 2017</i></p>

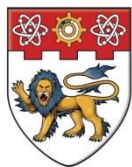


PROGRAMME SYLLABUS

Track 5: New World, New Technologies (3 AUs per course)

Date: 3-28 July 2017

DESCRIPTION	
<p>Course Code: MA9001</p> <p>Introduction to Energy (3 AUs)</p>	<p>This course aims to provide student an overview on the energy technology and present energy scenario with respect to demand, availability, environmental concerns, and description of the electricity system.</p> <p>The course will:</p> <ul style="list-style-type: none"> • Introduce briefly each energy source; covering both conventional and renewable sources • The challenges in energy storage and conversion • Efficient energy utilization and energy conservation <p><i>Course dates: 3-28 July 2017</i></p>
<p>Course Code: EE8084 (NEW)</p> <p>Cyber Security (3 AUs)</p>	<p>This course is an introduction to cyber-crimes and security issues in a cyber-environment. System perspectives of information security: Issues and solution approaches. Concepts for secrecy, integrity and availability. Security solutions and models. Security planning & management. Security cases and technology trends.</p> <p>The objective of this course is to provide students with basic appreciation and understanding of the underlying security issues and implications of the use of various networked systems and electronic devices in the modern cyber-society from a user perspective. Topics to be covered include overview of information systems and devices in a global network environment, threats to information systems and devices, security models, and concepts for secrecy, integrity and availability.</p> <p>Other topics of security concerns will also be explored: evaluations of secure information systems, security requirements analysis, security management policies, security trends and emerging technologies.</p> <p><i>Course dates: 3-28 July 2017</i></p>



PROGRAMME FEES

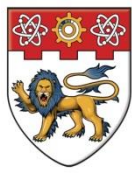
Students from Partner Universities will receive a 60% discount of NTU GEM Trailblazer Summer Tuition Fees. Below is a summary of related programme costs.

Summer Fees	Subsidized Fees for Partner's Institution SGD	For Exchange Students SGD
Tuition Fee (discount of 60%) per 3 AU course	SGD 1,110 (~ USD 776)	-
Registration Fee	SGD 80 (~ USD 56)	SGD 80 (~ USD 56)
Administrative fee (including computer, copyright, extra-curricular, insurance, library, ntu admission, misc etc.)	SGD 850 (~ USD 594)	SGD 850 (~ USD 594)
Course-related fees per 3 AU course	SGD 150 (~ USD 105)	SGD 150 (~ USD 105)
Total Programme Fees Payable	SGD 2,190 (~ USD 1,531)	SGD 1,050 (~ USD 734)

* NTU's regular special term fees (Summer) is at S\$950 per academic unit. A 3AU course will be priced at S\$2850 for non subsidised students. Please refer to the link below for more information.

NTU Special Term Fees Link:

http://www3.ntu.edu.sg/oad2/website_files/finaid/tuitionFees_ST1617.pdf

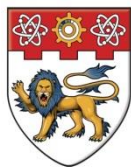


PROGRAMME FEES INFORMATION

Fees & Other Expenses

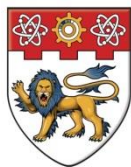
1. Programme fees includes the costs of tuition, administrative, and material fees only. It **does not include** airfare and airport taxes, local transportation costs, travel insurance, visas, accommodation, meals, personal expenses, and on-campus accommodation costs.
2. Nominated students on bi-lateral exchanges only need to pay tuition fees to their home institutions, but are still required to pay NTU for administrative fees and material fees.
1. Administrative fees includes the use of non-academic or non-obligatory facilities, services and functions at NTU. It also covers campus orientation, cultural & social activities, miscellaneous university fees, and mandatory Group Hospitalization and Surgical Insurance (GHSI) for international students.
2. The material fees cover course teaching aids and books, etc.
3. **Programme fees must be paid ONLY after the online application is approved.** The programme fee is payable online through OCBC Pay via credit card or through bank transfer.
4. Bank Details for bank transfer purposes:
OCBC Bank
Account Details: 537-010027-001
Bank Code: 7339
Branch Code: 537
SWIFT Code: OCBCSGSG

All fees quoted are exclusive of the 7% Goods and Services Tax (GST).



ON-CAMPUS ACCOMMODATION

<p>On-Campus Accommodation</p>	<ul style="list-style-type: none"> • Students will be allocated with a twin-sharing room in one of our 18 undergraduate Halls of Residences in NTU. • It is COMPULSORY for all summer students to stay on campus. Room-mates are allotted randomly. • There are no meal plans and no fully equipped kitchen at the hall for students to cook their meals. Students can purchase meals at the Hall of Residence canteens, Convenience Store or at the food outlets around the NTU campus. 				
<p>Accommodation Cost</p>	<table border="1" data-bbox="458 824 1296 965"> <thead> <tr> <th data-bbox="458 824 876 878">Room Type</th> <th data-bbox="876 824 1296 878">Twin -Sharing</th> </tr> </thead> <tbody> <tr> <td data-bbox="458 878 876 965">Air Conditioned/Non Air Conditioned</td> <td data-bbox="876 878 1296 965">S\$30</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Subject to Availability • 30 days leasing: SGD900 (USD 629) 	Room Type	Twin -Sharing	Air Conditioned/Non Air Conditioned	S\$30
Room Type	Twin -Sharing				
Air Conditioned/Non Air Conditioned	S\$30				
<p>Room amenities</p>	<ul style="list-style-type: none"> • Rooms are furnished with a bed, mattress, study table, chair, wardrobe, bookshelf and soft board (to pin notes, etc). Each room is fitted with window coverings such as venetian blinds or curtains, lighting and a fan. • There are phone jacks and Ethernet connections in each room. You have to bring or buy your own LAN cable for wired LAN connection in the rooms. WIFI is available at the common areas in the halls of residence. Other fittings may be provided and these vary from hall to hall. <p>Note: Bed-linen, blankets and pillows will <u>NOT</u> be provided. Students will have to purchase their own bed-linen, pillows and blankets when they arrive in NTU.</p>				
<p>Suggested personal items to bring or buy</p>	<ul style="list-style-type: none"> • Shower tote bucket • Toiletries • Towels, washcloths (recommended 2 sets) • Shower shoes • Single-size bed sheets/linen, blanket, pillow, pillow cases • Laundry bag, detergent • Clothes hangers and pegs • Laptop, internet Cable • Padlocks 				



ON-CAMPUS ACCOMMODATION

Check-in and Check-out dates at NTU's Halls of Residence

Check-in

- From 8.30am – 5.30pm (Mon-Thu)
- From 8.30am – 5pm (Fri)
- Students can only check in to their Halls of Residence from Monday – Friday.
- Students are advised to check in to their hostel before the commencement of the Summer Programme
- No check-in after hall hours on weekdays and weekends (Sat & Sun)
- Students who cannot meet the check-in timing will have to seek alternative accommodation in Singapore
- On-campus accommodation are only guaranteed for the duration of the student summer programme

Check-out

- By 12pm, 29 July 2017 or when programme ends

NOTE: Please note that should your travel dates fall within the weekends or outside of the Hall of Residence opening hours, students will have to source for their own off-campus accommodation.

Period of stay for on-campus accommodation

Period of stay in the hostel is determined by the approved period of programme as stipulated on the Letter of Enrolment and Acceptance issued by NTU.



One of NTU's Hall of Residence



Hall Surroundings



Hall of Residence Canteen

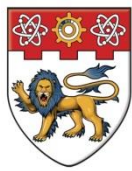


Example of twin sharing room

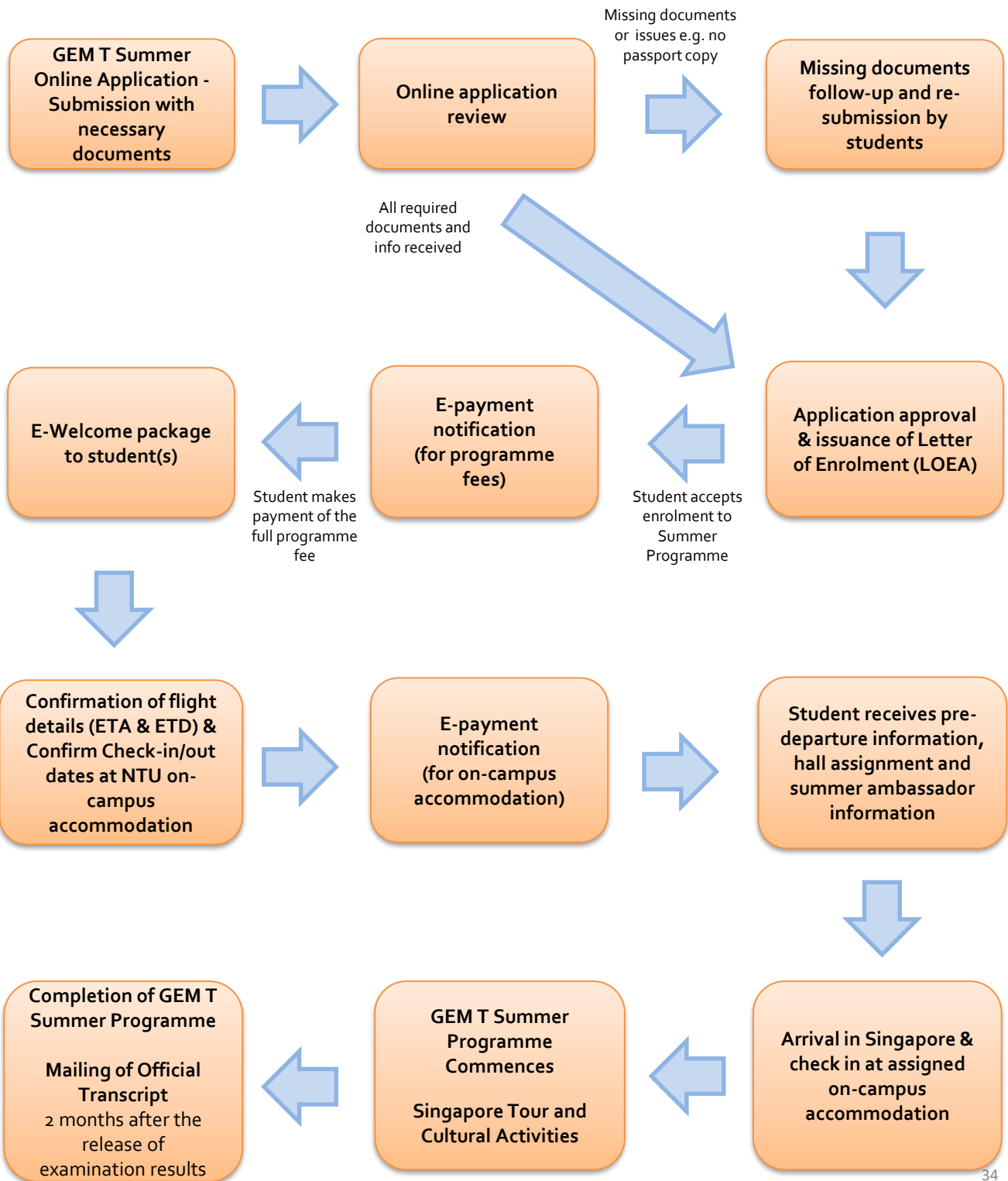


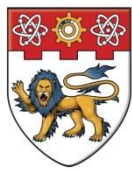
NTU ACADEMIC INFORMATION

<p>NTU Academic Unit System</p>	<p>NTU's courses are assigned credits based on the Academic Unit (AU) System. For the GEM Trailblazer Summer Programme, the number of academic units are as follows:</p> <p>Track 1: Chinese Language & Cultural Studies (6AUs) Track 2: Entrepreneurship and Innovation Asia (3 AUs per course) Track 3: Creative Media and Design (3 AUs per course) Track 4: Success in the Globalised Marketplace (3 AUs per course) Track 5: New World, New Technologies (3 AUs per course)</p> <p>For more information, please refer to the following link: Undergraduates http://www.ntu.edu.sg/Students/Undergraduate/AcademicServices/Pages/AcademicUnitSystem(AUS).aspx</p>																								
<p>Grading System</p>	<p>NTU uses the Grade Point Average (GPA) system in awarding grades.</p> <table border="1" data-bbox="396 1203 861 1721"> <thead> <tr> <th>Letter Grade</th> <th>Grade Point</th> </tr> </thead> <tbody> <tr><td>A+</td><td>5.0</td></tr> <tr><td>A</td><td>5.0</td></tr> <tr><td>A-</td><td>4.5</td></tr> <tr><td>B+</td><td>4.0</td></tr> <tr><td>B</td><td>3.5</td></tr> <tr><td>B-</td><td>3.0</td></tr> <tr><td>C+</td><td>2.5</td></tr> <tr><td>C</td><td>2.0</td></tr> <tr><td>D+</td><td>1.5</td></tr> <tr><td>D</td><td>1.0</td></tr> <tr><td>F</td><td>0.0</td></tr> </tbody> </table>	Letter Grade	Grade Point	A+	5.0	A	5.0	A-	4.5	B+	4.0	B	3.5	B-	3.0	C+	2.5	C	2.0	D+	1.5	D	1.0	F	0.0
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B	3.5																								
B-	3.0																								
C+	2.5																								
C	2.0																								
D+	1.5																								
D	1.0																								
F	0.0																								
<p>Academic Transcripts Delivery</p>	<p>The original copy of the GEM Trailblazer Summer Students' academic transcript will be mailed directly to their Home University after the completion of the summer programme and within two (2) months from the date of release of examination results by NTU.</p> <p>A scanned copy of the academic transcripts will be emailed to the Student Exchange Office of the Partner University for record.</p>																								



APPLICATION FLOW CHART





ENTRY REQUIREMENTS

All international students studying full-time in Singapore are required to apply for a Student's Pass unless the short course (with single programme module) can be completed within 30 days. You will be required to apply for a Student's Pass should you be attending a short course with multiple programme modules. More information on the type of Pass to apply for will be provided in the e-Welcome package.

Entry Visa and Social Visit Pass (SVP)

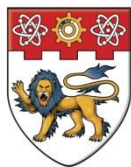
Nationals holding travel documents from selected countries will require a visa to enter Singapore. An entry visa is not an immigration pass. It is a pre-entry permission for the holder of a valid Singapore visa to travel to, and seek entry into Singapore. Visit [Singapore's Immigration and Checkpoints Authority \(ICA\) website](#) to learn more. You may enquire with the Singapore Embassy or Consular office in your Home Country on the process for entry visa application.

A holder of a valid entry visa who is found suitable for entry into Singapore will be issued with a social visit pass to enter and remain in Singapore. Students are advised to check their passport for the SVP endorsement on their passport when they enter Singapore and take note of the period of stay granted before leaving the immigration checkpoint. The period of stay granted is not tied to the validity of the entry visa.

Entry Visa and Student Pass

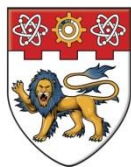
Students applying for Student's Pass are required to submit the eForm16 and pay the processing fee via the SOLAR (Student's Pass Online Application and Registration) system upon receipt of the SOLAR form from NTU. You will be issued with an In-Principle Approval (IPA) letter should your Student's Pass application be approved by ICA. For students who require a visa to enter Singapore, a single journey visa will be incorporated in the IPA letter. Click [here](#) for more information on the application of Student Pass.

Note: Students are advised to arrange for their flights only AFTER the approval of their student pass application.



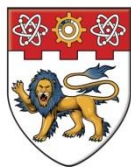
OTHER USEFUL INFORMATION

<p>Approximate living costs</p>	<p>The cost of living you incur will depend on your lifestyle.</p> <p>On an average, student should prepare an estimate of SGD1,000-\$1,500 per summer course for basics such as food, transportation, personal expenses. This does not include personal holiday travels and entertainment costs.</p>
<p>Health, Wellness and Insurance (included in the administrative fees)</p>	<p>Group Hospitalization & Surgical Insurance</p> <p>All exchange students are required to purchase the <u>compulsory</u> NTU Group Hospitalization & Surgical Insurance (GHSI) even if they have already bought similar insurance in their home country.</p> <p>Falling ill and being hospitalized in Singapore can be a financial drain on international students, who are not entitled to the medical subsidies that Singapore citizens enjoy. Besides the coverage it provides, the GHSI (subject to its terms and conditions) allows you to request a Letter of Guarantee from the underwriter and present it in lieu of the requisite deposit upon admission to government/ restructured hospitals in Singapore.</p> <p>For more coverage details, please refer to www.ntughsi.com.sg</p>
<p>Medical Information</p>	<p>Medical and counselling services are available on campus to cater to your health and wellness needs.</p> <p>There are also clinics near campus should you feel unwell after office hours. For acute medical care and emergencies, please visit a hospital. The nearest hospital to NTU is the National University Hospital. Please refer to the Group Hospitalisation and Surgical Insurance to find out what is covered under the scheme.</p>
<p>Medical Declaration</p>	<p>It is mandatory for all incoming students to <u>highlight any past or present medical conditions</u> in their online application.</p> <p>This information is for the purpose of the student's well-being, such that relevant support may be rendered to ensure a positive immersion experience at NTU.</p>



OTHER USEFUL INFORMATION

<p>Facilities / services available to students on campus</p>	<ul style="list-style-type: none"> • Library • Sports and recreation • Medical Services • Campus wifi • Swimming pool • Bank • Hairdresser • Supermarket • Global Lounge • Coffee Bean and Tea Leaf / Starbucks • Kentucky Fried Chicken / MacDonalds / Pizza Hut • F&B outlets at Foodzone in Canteens A & B • Canteens at the respective Halls of Residence
<p>Any bank on NTU campus?</p>	<p>Yes, there is a bank (Overseas Chinese Banking Corporation – OCBC Bank) on campus.</p> <p>Students may also visit the Jurong Point Shopping Centre (www.jurongpoint.com.sg), which is located 10 minutes from NTU campus, for their banking needs.</p>
<p>Can I open a bank account while studying at NTU for the Summer Programmes?</p>	<p>The local banks (including OCBC) require the student’s exchange period to be at least 6 months in order to be eligible to open an account.</p>
<p>Acceptable credit cards/bank cards in Singapore</p>	<ul style="list-style-type: none"> • Visa • Mastercard • American Express • Diners Club • Maestro • PLUS <p>You may withdraw monies from most bank machines. There are also ATM machines located around the campus.</p>



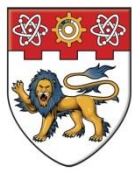
WITHDRAWAL POLICY

FOR EXCHANGE STUDENTS

<p>3 weeks prior to arrival at NTU)</p>	<p>Exchange Students who wish to withdraw from the GEM Trailblazer Summer Programme should inform their Home University Exchange Coordinator <u>AND</u> the GEM Trailblazer Team, in writing, of their decision to withdraw. The Programme Administrative Fees <u>will NOT be refunded</u>.</p> <p>For Exchange coordinators - This <u>will not be</u> counted towards exchange.</p>
<p>After Arrival at NTU</p>	<p>Exchange Students who wish to withdraw from the GEM Trailblazer Summer Programme should inform their Home University Exchange Coordinator <u>AND</u> the GEM Trailblazer Team, in writing, of their decision to withdraw. The Programme Administrative Fees <u>will NOT be refunded</u>.</p> <p>For Exchange coordinators - This <u>will be</u> counted towards exchange.</p>

FOR FEE-PAYING STUDENTS

<p>If GEM Trailblazer Office receives Withdrawal notice BEFORE the application deadline</p>	<ul style="list-style-type: none"> • Full Programme fees will be refunded (Tuition fees, Material fees, and Administrative fees) • S\$100 in administrative fees will be charged
<p>If GEM Trailblazer Office receives Withdrawal notice AFTER the application deadline AND 2 months prior to Summer Programme commencement</p>	<ul style="list-style-type: none"> • 50% of the Programme Fees will be refunded (Tuition Fees, Material Fees and Administrative Fees) • S\$100 administration charge will be imposed for the refund processing.
<p>If GEM Trailblazer Office receives Withdrawal notice AFTER the application deadline BUT 1 month prior to Summer Programme commencement</p>	<ul style="list-style-type: none"> • No refund on the Programme Fees (Tuition Fees, Material Fees and Administrative Fees)



CONTACT DETAILS

<p>GEM Trailblazer Summer Programme Team</p>	<p>Ms. Pauline Ho <i>Deputy Director</i> +65- 6790-5088 paulineho@ntu.edu.sg</p> <p>Mr. Brien Lee <i>Assistant Director</i> +65-6592-3241 summerNTU@ntu.edu.sg</p> <p>Ms. Priscilla Lee <i>Assistant Director</i> +65-6513-2087 summerNTU@ntu.edu.sg</p> <p>Ms. Eileen Yap <i>Assistant Manager</i> +65-6592-3243 summerNTU@ntu.edu.sg</p> <p>Ms. Radha d/o Chillavaras <i>Senior Executive</i> +65-6790-6427 summerNTU@ntu.edu.sg</p>
<p>GEM Trailblazer Address</p>	<p>Office of Global Education and Mobility 42 Nanyang Avenue (Behind Student Services Centre, Level 2), Singapore 639815</p> <p>Web: www.ntu.edu.sg/summerNTU</p> <p>Email: summerNTU@ntu.edu.sg</p>