National University of Singapore

Founded in 1905, the National University of Singapore (NUS) is a world leading autonomous research university in Singapore.

As a century-old university, NUS is ranked consistently as one of the top schools in the Times Higher Education World University Rankings and QS World University Rankings.

NUS has a total of 17 faculties and schools, 8 overseas colleges, 1 research institute, with more than 30,000 students from more than 100 countries.
NUS Campus

Stephen Riady Centre

Study Corner

Utown

Education Resource Centre
The School of Computing (SoC), established in 1998, is ranked tenth in the world, and first in Asia, in the field of computer science and information systems, based on the QS World University Ranking 2018.

- **Departments**
  - Computer Science
  - Information Systems and Analytics

- **Staff**
  - Over 200 teaching and research staff

- **Student**
  - Approximately 2300 undergraduates
  - More than 300 Masters
  - Approximately 280 PhDs

**Website:**
[www.comp.nus.edu.sg](http://www.comp.nus.edu.sg)
What is NGNE?

• The Non-Graduating Non-Exchange Programme (NGNE) is a programme designed for final year students to get a taste of a different education system by immersing themselves in one of the world leading universities.

• Generally, students will spend one semester (or two in some cases) in NUS attending classes and experiencing the life of a typical SoC undergraduate, with the opportunity to enjoy special computing resources and lab space offered by SoC.

• NGNE is also a favourable platform if you wish to apply to the SoC Graduate Programme, as students who meet certain requirements in this programme may be given an offer to the SoC Graduate Programme.
Partner Universities

- NUS School of Computing (SoC) currently works with the following partner universities (listed in alphabetical order) on the NGNE programme:
  - Beijing University of Posts and Telecommunications
  - Huazhong University of Science and Technology
  - Shanghai Jiao Tong University
  - Sichuan University
  - The Chinese University of Hong Kong, Shenzhen
  - University of Electronic Science and Technology of China
  - University of Science and Technology of China
  - Wuhan University
  - Xi'an Jiaotong University
  - Zhejiang University

- We are working continuously to include more partner universities in our programme in the future
Completion Requirements

• We have two intakes per academic year:
  – August intake (Semester 1)
  – January intake (Semester 2)

• Students admitted in **August** can choose to complete:
  – 3 elective modules, one of them must be level-4000 module
    OR
  – 2 elective modules, one of them must be level-4000 module
    + 1 Independent Project module (CP3106)

• Students admitted in **January** **MUST** complete:
  – 2 elective modules, one of them must be level-4000 module
    + 1 Independent Project module (CP3106)

(Subject to change without prior notice)
CP3106 – Independent Project

- CP3106 is equivalent to final year project. For some partner universities, this will be part of their university graduation requirement.
- Below is a list of past year supervisors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Specialization</th>
<th>Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chan Chee Yong</td>
<td>Chang Ee Chien (Cybersecurity)</td>
<td>Chin Wei Ngan (Computer Language)</td>
</tr>
<tr>
<td>(DB)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Huang Ke-Wei</td>
<td>Kan Min Yen (Machine Learning)</td>
<td>Khoo Siau Cheng (Computer Language)</td>
</tr>
<tr>
<td>(NLP, Analytic)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ben Leong</td>
<td>Leong Hon Wai (Algorithm, Big Data)</td>
<td>Leow Wee Kheng (Image Processing)</td>
</tr>
<tr>
<td>(Network)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Kok Lim</td>
<td>Richard Ma (Reinforcement Learning)</td>
<td>Danny Poo (Analytic)</td>
</tr>
<tr>
<td>(Graphics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abhik Roychoudhury</td>
<td>Terence Sim (Vision)</td>
<td>Soo Yuen Jien (Robotic)</td>
</tr>
<tr>
<td>(Software)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ken Sung</td>
<td>Tan Tiow Seng (GPU, Geometric Algorithm)</td>
<td>Tay Yong Chiang (Network, DB)</td>
</tr>
<tr>
<td>(Computational Biology)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teo Yong Meng</td>
<td>Wong Weng Fai (GPU, Neural Network)</td>
<td>Xiao Xiaokui (DB) Zhao Shengdong (HCI)</td>
</tr>
<tr>
<td>(Architecture, parallel)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Please refer to the following link for latest profiles: https://www.comp.nus.edu.sg/about/faculty/
Timeline (August Intake) – Part 1

- **Internal selection within respective home universities (submit CV and other required documents)**
- **March**
- **Mid or End March:** Start of NGNE online application at NUS website
- **April**
- **Mid April:** Submission deadline of NGNE online application (with supporting documents)
- **Obtain pre-approval (determined by home university and NUS SoC in conjunction)**
Timeline (August Intake) – Part 2

Early May:
Submission deadline of hard copy application documents

Mid May:
Work with SoC programme coordinator to confirm supervisor (for Independent Project) and courses to take

Mid June:
Apply for on-campus accommodation

Mid June:
Receive official offer to NGNE
Timeline (August Intake) – Part 3

**July**
- **Early July:** Receive In-principle approval letter (IPA, for application of Student’s Pass)

**August**
- **Early August:** Arrive in Singapore one week before programme starts

**November**
- **End November to early December:** Course examination and project/report evaluation

**December**
- **Mid-December:** Return to home country
- **Early July:** Purchase air ticket
- **Early August:** Start of programme
Timeline (August Intake) – Part 4

- **March**
  - Mid March: Application deadline of Master of Computing (MComp) programme

- **May**
  - Mid May: Interview for graduate programme (if any)

- Return to Singapore if successful in gaining admission to graduate programs
Timeline (January Intake) – Part 1

- **Internal selection within respective home universities** (submit cv and other required documents)

- **September**
  - **Early September:** Start of NGNE online application at NUS website

- **October**
  - **Mid October:** Submission deadline of hard copy application documents
  - **Early October:** Submission deadline of NGNE online application (with supporting documents)

- **Obtain pre-approval** (determined by home university and NUS SoC in conjunction)
Timeline (January Intake) – Part 2

November

Mid-November: Work with SoC programme coordinator to confirm supervisor (for Independent Project) and courses to take

Mid-November: Receive official offer to NGNE

December

Mid-November: Apply for on-campus accommodation

Early December: Receive in-principle approval letter (IPA, for application of Student’s Pass)

January

Early December: Purchase air ticket

Early January: Arrive in Singapore one week before programme starts

Early January: Start of programme
Timeline (January Intake) – Part 3

- **March**
  - Mid March: Application deadline of Master of Computing (MComp) programme

- **April**
  - End April to early May: Course examination and project/report evaluation

- **May**
  - Mid May: Interview for graduate programmes
  - Mid May: Return to home country

- **June**
Timeline (January Intake) – Part 4

July

End July:
Return to Singapore if successful in gaining admission to graduate programs

August
### Summary Timeline (August Intake)

<table>
<thead>
<tr>
<th>Deadline</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before mid April</td>
<td>Pre-approval and online submission of application.</td>
</tr>
<tr>
<td>Early May</td>
<td>Submit all hardcopy materials to NUS Registrar Office.</td>
</tr>
<tr>
<td>Mid May</td>
<td>Work with NGNE coordinator to confirm supervisor &amp; courses to take. Work with supervisor on project details.</td>
</tr>
<tr>
<td>Mid June</td>
<td>Official offer to NGNE program. Apply for on-campus accommodation.</td>
</tr>
<tr>
<td>Early July</td>
<td>Receive In-principle Approval. Purchase air ticket.</td>
</tr>
<tr>
<td>Early August</td>
<td>Arrive Singapore for registration and start class.</td>
</tr>
<tr>
<td>End November to early December</td>
<td>Course examination &amp; Project/report evaluation.</td>
</tr>
<tr>
<td>Early December</td>
<td>Return to home country.</td>
</tr>
<tr>
<td>Mid March</td>
<td>Master of Computing application deadline.</td>
</tr>
<tr>
<td>Mid May</td>
<td>Interview for Graduate Programme (if any).</td>
</tr>
<tr>
<td>End July</td>
<td>If successful in gaining admission to graduate programs, return to Singapore/NUS.</td>
</tr>
</tbody>
</table>
## Summary Timeline (January Intake)

<table>
<thead>
<tr>
<th>Deadline</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before October</td>
<td>Pre-approval and online submission of application.</td>
</tr>
<tr>
<td>Mid October</td>
<td>Submit all hardcopy materials to NUS Registrar Office.</td>
</tr>
<tr>
<td>Mid November</td>
<td>Work with NGNE coordinator to confirm supervisor &amp; courses to take. Work with supervisor on project details.</td>
</tr>
<tr>
<td>Mid November</td>
<td>Official offer to NGNE program. Apply for on-campus accommodation.</td>
</tr>
<tr>
<td>Early December</td>
<td>Receive In-principle Approval. Purchase air ticket.</td>
</tr>
<tr>
<td>Early January</td>
<td>Arrive Singapore for registration and start class.</td>
</tr>
<tr>
<td>Mid March</td>
<td>Master of Computing application deadline.</td>
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<td>End April to early May</td>
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<td>Interview for Graduate Programme (if any). Return to home country.</td>
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<tr>
<td>End July</td>
<td>If successful in gaining admission to graduate programs, return to Singapore/NUS.</td>
</tr>
</tbody>
</table>
NGNE Estimated Expenses

• Tuition fees (excluding miscellaneous fees)
  • SoC standard fee per module: SGD3,820
  • 3 modules = 3 x SGD3,820 = SGD11,460
  • Check the following link for latest tuition fees:

• Estimated living expenses (including accommodation): SGD1,000 per month
  • 5 months in Singapore: around SGD5,000
  • Check the following link for estimated living expenses:
Application

• Online application:

<table>
<thead>
<tr>
<th>August intake (Semester 1)</th>
<th>Application Period</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>March – April</td>
</tr>
<tr>
<td>January intake (Semester 2)</td>
<td>September – October</td>
</tr>
</tbody>
</table>

• Notification of results:
  - January intake: Mid-November
  - August intake: Mid-June

• Students admitted to the programme should report to NUS one week before commencement

Pre-consideration

• Before students apply via NUS online application portal, partner universities will conduct internal selections (pre-consideration)
  – SoC will work with partner universities to determine the list of participating students
  – Interview may be arranged at the discretion of SoC
• Students should receive notification of pre-approval if they are successful in the internal selections
• Students should only submit NUS online application after receiving pre-approval
Pre-consideration – CV submission

• Students are required to submit their CV during the pre-consideration stage

• NGNE coordinator will assign Independent Project topics based on students’ CV

• CV should include:
  – Academic performance
  – English proficiency level
  – Any awards and achievements
  – Working/project experience
  – Interest areas
  – Future plans
  – Others
Required Documents

• Students should submit the following documents during the official application via NUS application portal:

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Recent passport-sized photo</td>
</tr>
<tr>
<td>2.</td>
<td>Copy of passport showing your particulars</td>
</tr>
<tr>
<td>3.</td>
<td>Record of courses taken in current semester/term</td>
</tr>
<tr>
<td>4.</td>
<td>Academic transcript (including grading explanation/remarks) with English translation</td>
</tr>
<tr>
<td>5.</td>
<td>English qualifications (CET6, TOEFL or IELTS)</td>
</tr>
<tr>
<td>6.</td>
<td>Student Status Letter from home university</td>
</tr>
<tr>
<td>7.</td>
<td>Documentary proof of financial support in English</td>
</tr>
</tbody>
</table>

• After submitting online application, print out the online application form and send it together with all the documents listed above to NUS Registrar’s Office by post before the submission deadline of hard copy application documents.

Master of Computing (MComp)

- NGNE students who met the following requirements in NGNE may be given an offer to the SoC Master of Computing Programme (MComp):

<table>
<thead>
<tr>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students opting for CP3106</td>
</tr>
<tr>
<td>1) Two electives with grade B+ or above</td>
</tr>
<tr>
<td>2) One Independent Project (CP3106) with grade A- or above</td>
</tr>
<tr>
<td>Students not opting for CP3106</td>
</tr>
<tr>
<td>Three electives with grade B+ or above</td>
</tr>
</tbody>
</table>

- Note: SoC reserves the right to arrange for an interview before giving an offer

Master of Computing (MComp)

• Utilisation of Credits
  • Level-4000 modules taken in the NGNE programme (not used to
    fulfill home university graduation requirement) can be used to
    fulfill MComp credit requirement

• MComp Dissertation
  • Students can extend their Independent Project (CP3106) topic
    as their MComp dissertation
  • MComp graduation requirement:
    • 10 modules or 6 modules + 1 dissertation

MComp:  http://www.comp.nus.edu.sg/programmes/pg/mcs/
MComp Estimated Expenses

- Tuition fees (excluding miscellaneous fees)
  - Full-time tuition fee per annum (AY2018/2019): SGD36,500
  - Part-time tuition fee per annum (AY2018/2019): SGD18,250
  - Check the following link for Graduate Programme tuition fees:

- Estimated living expenses (including accommodation): SGD1,000 per month
  - ~ 1 year in Singapore: SGD12,000
PhD Programme

• Offer to PhD Programme
  • Students who perform exceptionally well in NGNE will also stand a chance to be given an offer to the PhD programme

• Scholarship
  • All students who gained successful admission to the SoC PhD programme are offered full scholarship
  • Tuition fees are fully subsidised, with at least SGD2,000 allowance per month

• Check the following link for more information on the PhD Programme:
  • https://www.comp.nus.edu.sg/programmes/pg/phdcs/
Useful Links

- NGNE information
  - https://www.comp.nus.edu.sg/~ngne/

- Module List (for all faculties)

- Online Application Portal
  - https://myapplications.nus.edu.sg/

- Requirements of Photograph

- Master/PhD Tuition Fees