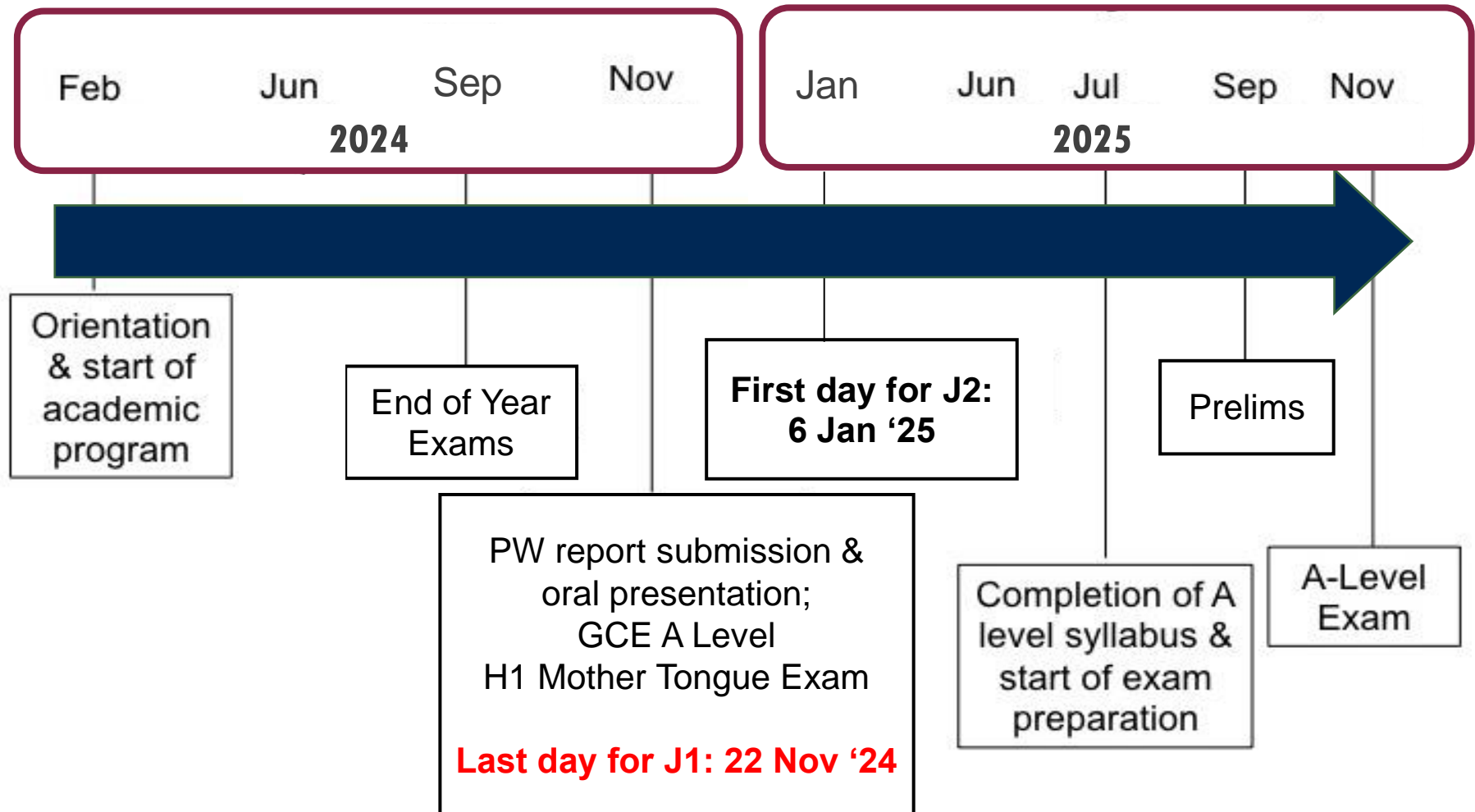


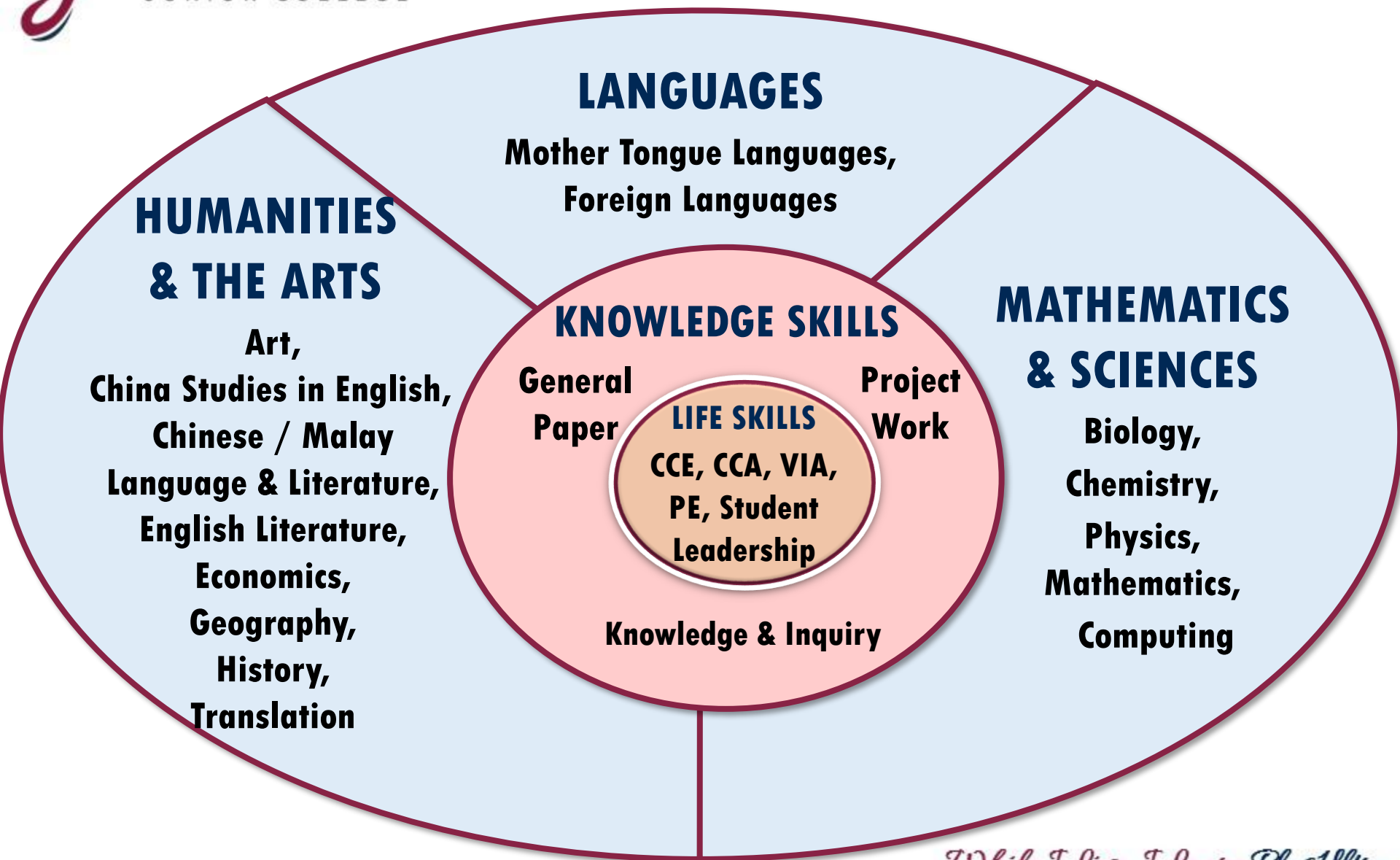
2024 JC Curriculum & JPJC Subject Combinations

Ms Yew Lee Yin
HOD/ Mathematics

Academic Timeline



The JC Curriculum Framework



Different levels of study

| Higher 1 | Higher 2 | Higher 3 |
|--|---|--|
| Equivalent to half the content load of H2 subjects but pitched at the same academic standard as H2 subjects. | Subjects that form the essential foundation for further studies and they are pre-requisites for many university courses. | Subjects with a variety of learning opportunities (e.g. advanced content, research paper, university module). *Offered at end of J1 |

Workload for a JC Student

| | |
|-----------------------------------|--|
| Mathematics & Sciences | 3 H2 + 1 H1 content subjects <ul style="list-style-type: none">• at least 1 subject is from a contrasting discipline |
| Humanities & the Arts | |
| Knowledge Skills | <ul style="list-style-type: none">• H1 General Paper• Project Work• H1 Mother Tongue (unless exempted) <div>Assessed at the end of JC 1</div> |

Workload for a JC Student

Sample 3 H2 + 1 H1 Subject Combination (Science Course)

| SCIENCE | H2 Subjects | | | | Choose 1 H1 Subject that is not chosen at H2 level |
|---------|--------------|-----------|-----------|--|--|
| | #Mathematics | Chemistry | Biology | | Economics, Geography, History, Literature, Art |
| | | | Physics | | |
| | Mathematics | Computing | Chemistry | | Economics, Geography, History, Literature, Art |
| | | | Physics | | |

- # Students opting to do the subject combination of H2 Mathematics, H2 Chemistry, H2 Biology OR H2 Physics, it is preferred that students should obtain
- a pass in the relevant Pure Science and Combined Science OR
 - Distinction in the Combined Science with the two relevant Science disciplines

Workload for a JC Student

Sample 3 H2 + 1 H1 Subject Combination (Science course)

| | H2 Subjects | | | | Choose <u>1 H1 Subject</u> that is not chosen at H2 level |
|---------|-------------|-----------------------------------|--|--|---|
| SCIENCE | Mathematics | Biology/ Chemistry/ Physics | Economics | | Economics, Geography, History, Literature, Art, Biology, Chemistry, Physics |
| | | | Chinese/Malay Language & Literature | | |
| | | | China Studies in English | | |
| | | | Art@ | | |
| | | | Translation@& | | |

Check our school website for the full list of subject combinations!

Workload for a JC Student

Sample 3 H2 + 1 H1 Subject Combination (Arts Course)

| | H2 Subjects | | | | Choose 1 H1 Subject that is not chosen at H2 level |
|------|-------------|------------------------------|-------------------------------------|--|---|
| ARTS | Mathematics | Geography/History | Literature | | Biology, Chemistry, Physics, Economics, Geography, History, Literature, Art |
| | | | China Studies in English | | |
| | | | Chinese/Malay Language & Literature | | |
| | | | Art@ | | |
| | Economics | Geography/History/Literature | China Studies in English | | Mathematics, Biology, Chemistry, Physics |
| | | | Literature | | |
| | | | Art@ | | |
| | | | Chinese/Malay Language & Literature | | |
| | | | Translation@& | | |
| | | | | | |

Check our school website for the full list of subject combinations!

Workload for a JC Student

| | |
|--|--|
| <p>Mathematics & Sciences</p> | <p>4 H2 content subjects</p> <ul style="list-style-type: none"> • at least 1 subject is from a contrasting discipline • Only for students $L1R5 \leq 11$ (raw score) • For students interested in prestigious scholarships |
| <p>Humanities & the Arts</p> | |
| <p>Knowledge Skills</p> | <ul style="list-style-type: none"> • H1 General Paper • Project Work • H1 Mother Tongue (unless exempted) <p style="text-align: right;">} Assessed at the end of JC 1</p> |

Workload for a JC Student

4 H2 Subject Combination

| | H2 Subjects | | | |
|---------|--------------|-------------|------------|--------------------------|
| ARTS | Economics | Mathematics | Literature | Geography |
| | | | | History |
| | | | | China Studies in English |
| SCIENCE | *Mathematics | Chemistry | Biology | Economics |
| | | | Physics | |

Students opting a 4 H2 subject combination should meet all of the following requisites:

- $L1R5 \leq 11$ (raw score) AND
- Distinction in Additional Mathematics

H3 Subjects & Application

Students may apply to do a H3 subject if they have done well in their overall examinations at the end of JC 1.

Selection Criteria

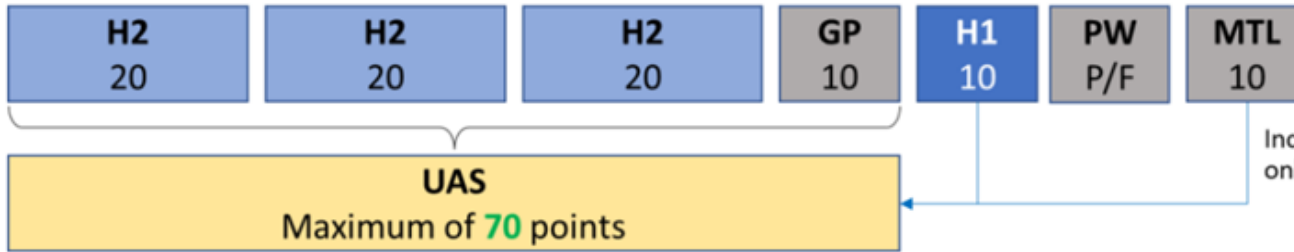
- Done well for **all subjects**
- A **high “A”** in the **H2 subject** to be offered at H3 level
- Pass Aptitude Test (if any) and interview

Grading System

| Marks (internal assessment) | Grade | University Admission Score (UAS) | |
|--------------------------------|--------------|-------------------------------------|------|
| | | H2 | H1 |
| ≥ 70 | A | 20 | 10 |
| 60 – 69 | B | 17.5 | 8.75 |
| 55 – 59 | C | 15 | 7.5 |
| 50 – 54 | D | 12.5 | 6.25 |
| 45 – 49 | E | 10 | 5 |
| 40 – 44 | S (sub-pass) | 5 | 2.5 |
| ≤ 39 | U (ungraded) | 0 | 0 |

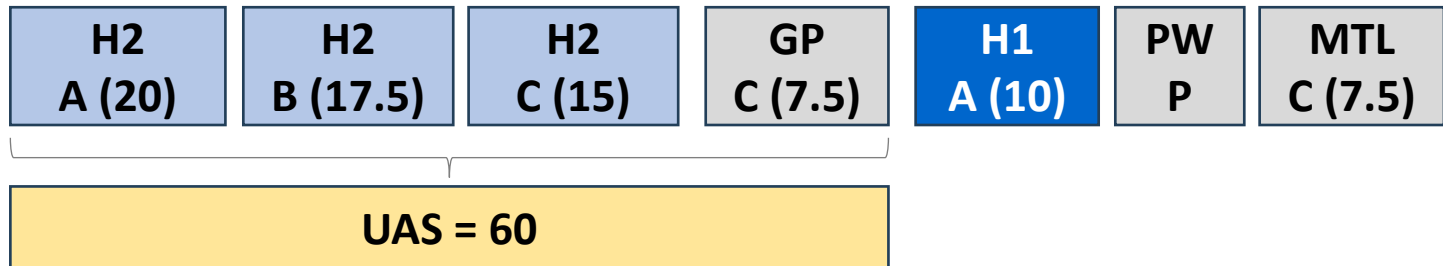
University Requirements

UAS
computation
from AY2026

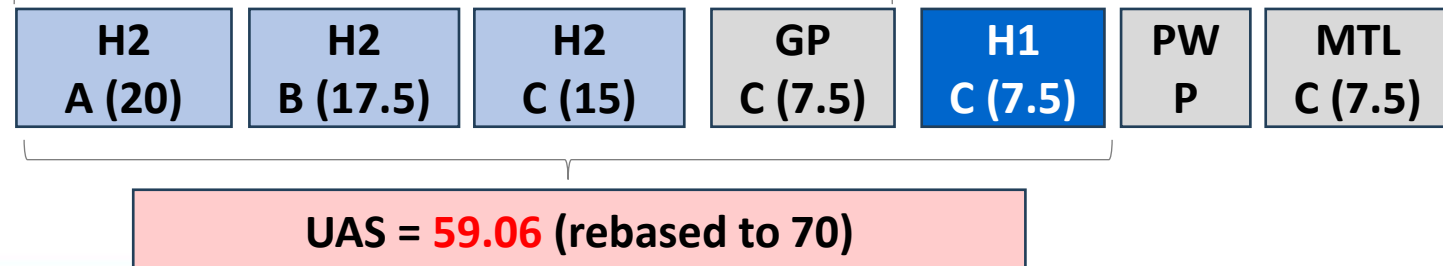


UAS = 61.25 (rebased to 70)

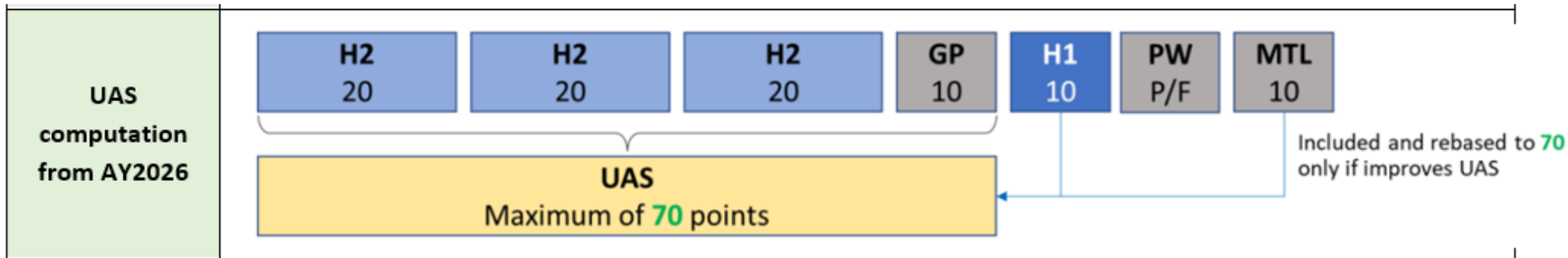
Student A



Student B



University Requirements



Taking 4 H2 content subjects will not give students an added advantage as the result of the least performing H2 will be converted to the equivalent of a H1 subject.

#1: Know your goals

#2: Know your interests and strengths

#3: Know the syllabus and exam format for the subject

#1: Know your goals

Entry into University

- What would you want to study in the University?
- What course will you qualify for based on your subject combinations?
- What is your Plan B?

#1: Know your goals

| University & Faculty | Subject Requirements |
|---|---|
| NUS / NTU Medicine / NUS Dentistry | H2 pass in Chemistry <u>and</u> <i>either</i> H2 Biology/ Physics |
| NUS Pharmacy / Pharmaceutical Science | Very Good Pass in H2 Chemistry <u>and</u> Very Good Pass in either H2 Biology/Physics/Math |
| NUS Nursing | Pass in <u>any two</u> of the following H2 subjects: Biology, Chemistry, Computing, Physics & Math |

#1: Know your goals

| University & Faculty | Subject Requirements |
|--------------------------|--|
| NUS Engineering | H2 pass in Mathematics |
| NTU Engineering | H2 pass in Mathematics <u>and</u> H2 Physics or Chemistry or Biology or Computing |
| NUS Computer Engineering | H2 pass in Mathematics <u>and</u> either H2 Physics / Chemistry / Computing Students without H1 or H2 Physics need to have an 'O' Level pass in Physics |

#1: Know your goals

| University & Faculty | Subject Requirements |
|---|--|
| NUS Computer Sciences / Information security | H2 pass in Computing / Mathematics / Physics OR a good pass in H1 Mathematics |
| NUS Data Science and Economics | Very good pass in H2 Mathematics |
| NTU Computer Science / Data Science & AI | H2 pass in Mathematics and H2 Physics or Chemistry or Biology or Computing |
| SMU Computer Science | A good pass in H2 Math or H2 Physics or H1 Math |

#1: Know your goals

| University & Faculty | Subject Requirements |
|---|---|
| NUS / NTU Business Administration / NTU Accountancy | H1 Mathematics (students w/o H1 Mathematics need to have 'O' level pass in Additional Mathematics) |
| NTU Psychology | Good pass in General Paper and H1 Mathematics |

#1: Know your goals

Please refer to the full list of course prerequisites on university websites:

National University of Singapore (NUS)

<https://www.nus.edu.sg/oam/apply-to-nus/singapore-cambridge-gce-a-level/programme-pre-requisites>

Nanyang Technological University (NTU)

https://www.ntu.edu.sg/docs/default-source/undergraduate-admissions/msr/e_msr_alevel.pdf?sfvrsn=a579fa85_6

Singapore Management University (SMU)

<https://admissions.smu.edu.sg/admissions-requirements/singapore-cambridge-gce-levels>

Singapore Institute of Technology (SIT)

<https://www.singaporetech.edu.sg/admissions/undergraduate/requirements/a-levels>

(Please also check the "eligibility" section under the specific programme/course offered for the specific requirements.)

Singapore University of Technology (SUTD)

<https://www.sutd.edu.sg/Admissions/Undergraduate/Application/Admission-Requirements/Singapore-Cambridge-GCE-A-Level>


Singapore University of Social Sciences (SUSS)

<https://www.suss.edu.sg/full-time-undergraduate/admissions/eligibility>

While I Live, I Learn Plus Ultra

#1: Know your goals

IGP of 10th Percentile of University Courses (based on 2023 admissions)

| Faculty / School | NUS | NTU | SMU |
|----------------------|--|-------|-------|
| Medicine |  | AAA/A | |
| Pharmacy / Dentistry | AAA/A | | |
| Computer Science | AAA/A | AAB/C | AAB/A |
| Engineering | BBC/C | CCD/D | |

Note: Assuming grade C for GP and PW.

While I Live, I Learn Plus Ultra

#1: Know your goals

IGP of 10th Percentile of University Courses

| Faculty / School | NUS | NTU | SMU |
|-------------------------|-------|-------|-------|
| Accountancy | AAA/C | BBC/C | BBC/C |
| Business Administration | AAA/B | BBC/B | BBB/C |
| Law | AAA/A | | AAA/A |
| Architecture | CCC/B | | |
| Humanities and Sciences | ABB/B | | |

Note: Assuming grade C for GP and PW.

While I Live, I Learn Plus Ultra

#1: Know your goals

#2: Know your interests and strengths

#3: Know the syllabus and exam format for the subject

#2: Know your interests & strengths

Interests & Strengths

- Which subjects interest you?
- Are you doing a subject because your friends are doing it?
- Can you do well in the subject?

#2: Know your interests and strengths

O Level IGP of 10th Percentile of 2024 J2 students*

| Subject offered in A Level | Relevant subject(s) at O-Level Examination | 10th percentile |
|----------------------------|--|-----------------|
| H2 Biology | Biology | B3 |
| | Combined Science (with Biology) | A2 |
| H2 Chemistry | Chemistry | B3 |
| | Combined Science (with Chemistry) | A2 |
| H2 Physics | Physics | B3 |
| | Combined Science (with Physics) | A2 |
| H2 Maths | Additional Mathematics | B3 |
| | Mathematics | B3 |

*** The Indicative Grade Profile (IGP) provides an indication of the lowest grade scored in the relevant O-Level subject by 90% of 2023 J1 students who were promoted to J2 in 2024.**

#1: Know your goals

#2: Know your interests and strengths

#3: Know the syllabus and exam format for the subject

#3: Know the subject

| LANUGAGES | Subject | H1 | H2 | H3 |
|-----------|---------------------------------------|----|----|----|
| | Chinese / Malay Language & Literature | | ✓ | ✓ |
| | Translation* | | ✓ | |

* Students opting to do H2 Translation are required to fulfil the following:

- i. A2 in 'O' Level English Language and 'O' Level Chinese Language **OR**
- ii. A2 in 'O' Level English Language and B3 in 'O' Level Higher Chinese Language.

Students would also need to pass the selection test

#3: Know the subject

| MATHEMATICS & SCIENCES | Subject | H1 | H2 | H3 |
|---------------------------------------|-------------|----|----|----|
| | Biology | ✓ | ✓ | ✓ |
| | Chemistry | ✓ | ✓ | ✓ |
| | Computing | | ✓ | |
| | Mathematics | ✓ | ✓ | ✓ |
| | Physics | ✓ | ✓ | ✓ |

#3: Know the subject

| HUMANITIES & ARTS | Subject | H1 | H2 | H3 |
|----------------------------------|--------------------------|----|----|----|
| | Art* | ✓ | ✓ | |
| | China Studies in English | ✓ | ✓ | |
| | Economics | ✓ | ✓ | ✓ |
| | English Literature | ✓ | ✓ | |
| | Geography | ✓ | ✓ | ✓ |
| | History | ✓ | ✓ | ✓ |

* Students opting to do H2 Art would need to pass the selection test.

#3: Know the subject

SELECTION TESTs:

1. **H2 Art:** Monday, 5 Feb at 2 pm @ Art Room
2. **H2 Translation :** Monday, 5 Feb at 2 pm @ G4-01.

Late requests will not be entertained should you miss the selection tests.

#3: Know the subject

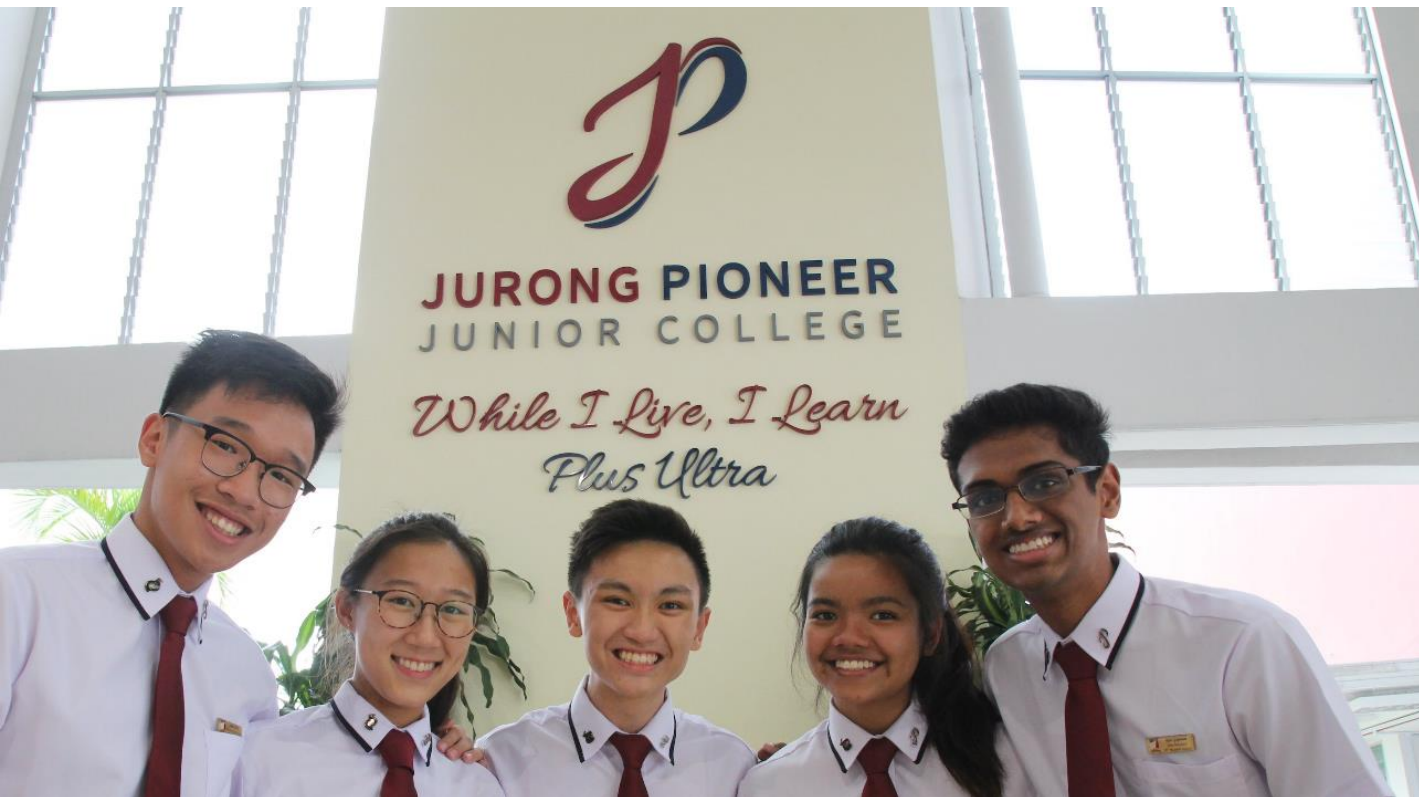
IMPORTANT

Please go to our college website for the list of subject combinations available:

<https://www.jpjc.moe.edu.sg/about/subject-combination/>

How to register

All registrations are to be done online via the KM Portal at
<https://portal.jpjc.edu.sg>



Welcome. Please sign in:

Login

Password

Sign in

Forgot password? [Reset it here.](#)

Note: Photograph(s) or video image(s) of students, parents and visitors may be captured during school activities and events. The school may use and publish such photographs and/or video recordings in school publications, website, social media channels, and other communication channels.

[Report Vulnerability](#)

While I Live, I Learn Plus Ultra

How to register

- It is compulsory to choose 3 subject combinations, in order of preference.
- You will select the subject combination from the drop-down list for each choice.
- The 3rd choice will only show subject combinations that are recommended for you, based on your O Level results.
- The College may be unable to offer certain subject combinations due to low demand or time-tabling constraints.

KM Portal Submission starts from
Friday, 2 February 2024, 1200 hrs

Complete the KM Portal Submission by
Sunday, 4 February 2024, 2359 hrs.

Late submissions will not be entertained. Your choice of combinations will not be guaranteed if you submit later than the stated time.

Students who would like to appeal to

- (i) Change stream and/or
- (ii) Do 4 H2 subject combination

Instructions:

- Obtain a Subject Combination Appeal Form (yellow) from **the GO**.
- You are still required to register your 3 options on KM Portal.
- Submit Appeal Form together with a photocopy of O Level results in the box at the General Office by **Monday 5 February, 9 am**.

New JC1 Class

- JC1 class list will be made known at the end of **Tuesday, 6 February 2024.**
- You can go online to check your class allocation as this will be your Orientation Group (OG) for the Orientation Programme starting 7 February 2024.

SELECTION TESTs:

1. **H2 Art:** Monday, 5 Feb at 2 pm @ Art Room
2. **H2 Translation :** Monday, 5 Feb at 2 pm @ G4-01.

Late requests will not be entertained should you miss the selection tests.

KM Portal Submission from

Friday, 2 February 1200 hrs –

Sunday, 4 February 2359 hrs