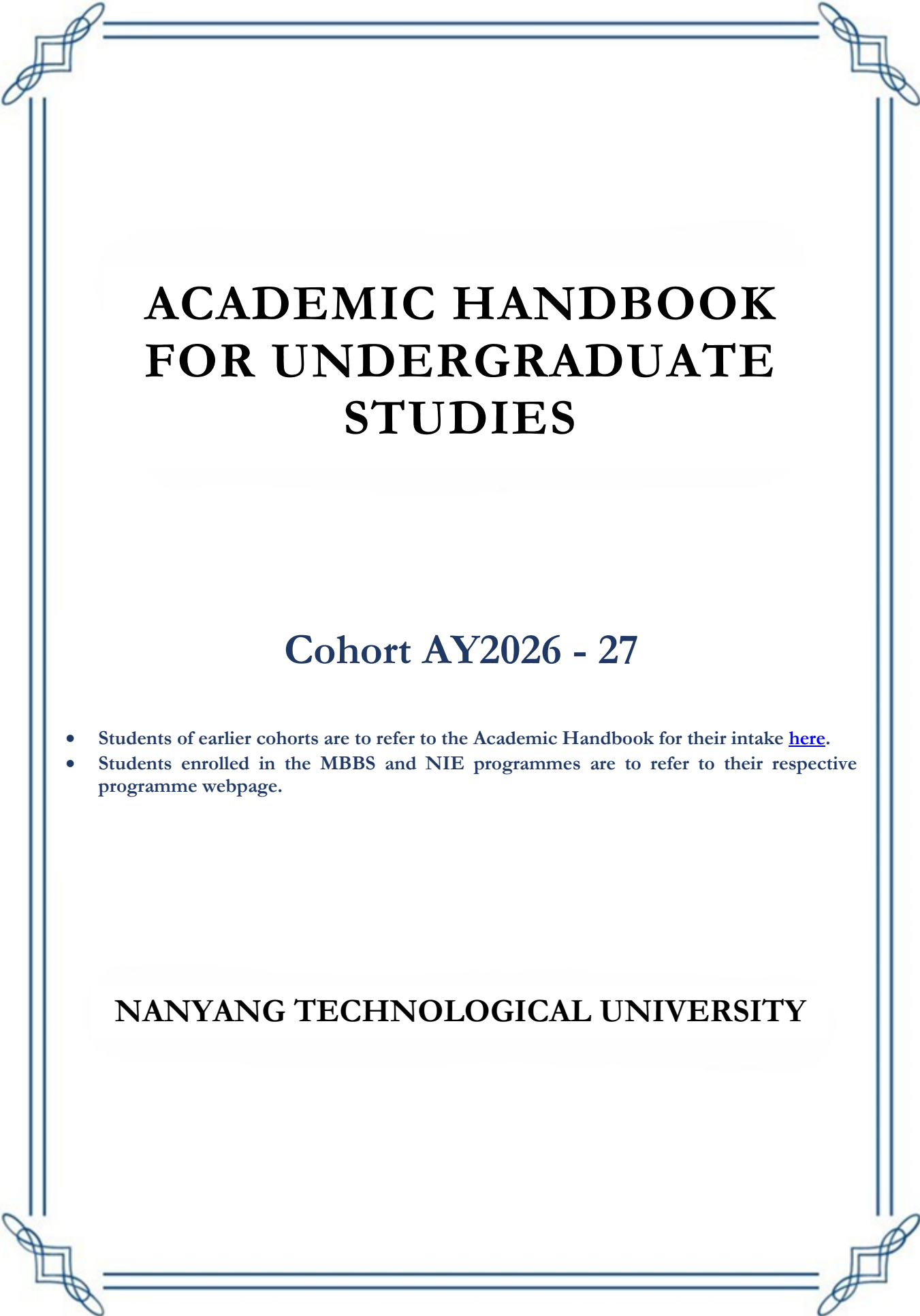




ACADEMIC HANDBOOK FOR UNDERGRADUATE STUDIES

Cohort AY2026 - 27

- Students of earlier cohorts are to refer to the Academic Handbook for their intake [here](#).
- Students enrolled in the MBBS and NIE programmes are to refer to their respective programme webpage.

NANYANG TECHNOLOGICAL UNIVERSITY

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NANYANG TECHNOLOGICAL UNIVERSITY
Academic Handbook
for Undergraduate Studies

Last updated: 31 July 2026

Welcome to Nanyang Technological University.

This handbook brings together key information to support your undergraduate studies at NTU. It provides an overview of the curriculum structure, candidature and graduation requirements, course registration, examination and grading system, serving as a useful guide throughout your academic journey.

As policies, procedures, and programme information may be updated from time to time, you should refer to the [Student Intranet](#), your School's website and other official University platforms for the latest information. You should also pay attention to communications from the University and your School throughout your candidature, as important guidance, resources, and updates may be communicated through official channels such as email.

We wish you success in your studies. Do reach out to your School if you need any further assistance.

1. Academic Calendar

The academic year starts off with Freshmen Orientation. It comprises two semesters. Each semester consists 13 teaching weeks followed by 3 weeks for revision and examinations. There is a Special Term during the Semester 2 vacation.

2. Academic Units

The University's academic structure for undergraduate programmes is based on the Academic Unit (AU) System which provides flexibility in students' learning pace.

Under the Academic Unit System, each course is assigned a certain number of AUs.

For a typical one-semester course, the number of AU is calculated as follows:

- (a) one hour of lecture/tutorial/seminar per week : 1 AU
- (b) 3 hours laboratory/fieldwork per week : 1 AU

3. Candidature and Graduation Requirements

To be eligible for the award of a Bachelor's degree, a student must fulfil all the following conditions:

- fulfill the necessary course requirements and obtain the total AU needed for the programme completion within a period between the prescribed minimum and maximum candidature period
- fulfil the residential requirements (i.e. minimum years of study at NTU)
- fulfil the minimum AU requirement for letter-graded courses for Core and Major Prescribed Electives, and for the whole programme
- fulfil the minimum Cumulative Grade Point Average (CGPA) required for graduation
- satisfy all other requirements prescribed for the degree, including but not limited to Professional Internship, English Proficiency and Mother Tongue Language requirement

3.1. Programme AU Requirement

For each degree programme, the number of AU that students must obtain to graduate is provided at: https://www.ntu.edu.sg/admissions/matriculation/academic-structure#Content_C007_Col00

3.2. Period of Candidature

The period of candidature for each programme is as follows:

Single Degree Programmes (Full-Time)

Programme	Period of Candidature		
	Minimum	Normal	Maximum
Accountancy Business (3-Year)	3 years	3 years	5 years
Chinese Medicine	4 years	4 years	6 years
All other programmes including double major programmes	3.5 years	4 years	6 years

Single Degree Programmes (Part-Time)

Programme	Period of Candidature		
	Minimum	Normal	Maximum
Computing	3 years	4 years	6 years
Electrical & Electronic Engineering Mechanical Engineering	3.5 years	4 years	6 years

Double Degree Programmes^ (Full-Time)

Programme	Period of Candidature		
	Minimum	Normal	Maximum
Accountancy and Business	3.5 years	4 years	5 years
Accountancy and Data Science & Artificial Intelligence	4 years	4.5 years	6 years
Business and Computing Business and Computer Engineering	4 years	4.5 years [#]	6 years
Engineering and Economics	4.5 years	5 years	7 years

^ Awards two Bachelor's degrees.

4 years with acceleration.

Dual Degree Programmes (NTU – Shanghai Jiao Tong University (SJTU)) (Full-Time)

Programme	Period of Candidature		
	Minimum	Normal	Maximum
Electrical & Electronic Engineering Mechanical Engineering	4 years	4.5 years	6 years

Integrated Programme (Full-Time)

Programme	Period of Candidature		
	Minimum	Normal	Maximum
Renaissance Engineering Programme [^]	4 years	4.5 years	6 years

[^] awards two degrees - a Bachelor's degree and a Master's degree

3.3. Minimum Residential Period

The minimum residential period (i.e. minimum years of study at NTU) is as follows:

Programme [#]	Minimum Residential Period
3-year programmes	2 academic years
4-year programmes	3 academic years

[#] For students in the double degree programmes, the minimum residential period at NTU is one year less than their respective normal candidature as listed under Section 3.2.

Dual degree NTU – SJTU students shall adhere to the minimum residential period stipulated in the partnership agreement

3.4. Minimum AU Requirement for Letter-Graded Courses

3.4.1 For Overall Degree Programme

The minimum AU of letter-graded courses is as follows:

Programme	Minimum AU of Letter-Graded Courses* Obtained from NTU
3-year programmes	52 AU
4-year programmes	69 AU

* Covers all courses i.e. Core, Major Prescribed Electives, Broadening and Deepening Electives (BDE), and Interdisciplinary Collaborative Core (ICC) courses. The balance AU required for the degree may consist of AU that are not letter-graded and earned from courses with Pass (P) and Exempted (EX) notations. Please refer to section 6.2.1 for list of letter-grades.

Double degree students are awarded two degrees. For each degree, the minimum AU of letter-graded courses that students should obtain from NTU is the same as its corresponding single degree programme.

3.4.2 For Core and Major Prescribed Elective Courses

Students from all programmes must also meet the minimum number of AU of letter-graded Core and Major Prescribed Elective courses (i.e. excluding BDE and ICC) as indicated at: https://www.ntu.edu.sg/admissions/matriculation/academic-structure#Content_C007_Col00

3.4.3 For Award of Second Major and Minor

Students must have at least 18 AU of letter-graded courses counted towards the award of their Second Major and at least 9 AU of letter-graded courses counted towards the award of their Minor. The remaining courses can be non-letter graded i.e. may consist of credit transferred from Student Exchange programme, or courses with 'P' (Pass) notations.

Additionally, for Second Major and Minor, some courses could be used to fulfil two requirements concurrently i.e. major requirement and Second Major/Minor requirement.

The details on Second Major and Minor are at <https://www.ntu.edu.sg/education/degree-programmes>

3.5. Minimum CGPA for Graduation

A minimum CGPA of 2.00 is required at the end of the final semester of study.

4. Curricular Requirements

4.1. Curriculum Structure

The NTU curriculum structure comprises 3 categories of requirements:

4.1.1. Major Disciplinary Requirement

The courses of study are classified under 2 groups:

- (a) Core Courses
These are compulsory courses required to satisfy major disciplinary requirements.
- (b) Major Prescribed Electives
These are courses for specialisation in a particular degree programme.

4.1.2. Interdisciplinary Collaborative Core (ICC) Requirement

- (i) 6 Common Core courses comprising -
Courses focusing on key transferable skills:
 - a) Inquiry & Communication in an Interdisciplinary World
 - b) Ethics & Civics in a Multicultural World
 - c) Career Design & Workplace Readiness in the V.U.C.A World
 - d) Health & Wellbeing
Courses focusing on global challenges:
 - e) Science & Technology for Humanity
 - f) Sustainability: Society, Economy & Environment
- (ii) 4 Professional Series courses which are College-specific comprising: -
 - a) Professional Communication
 - b) Digital Proficiency
 - c) Professional Internship/Attachment
 - d) Profession Preparation
- (iii) 1 Care, Serve, Learn course
 - To develop deep understanding of societal issues and empathy through active community service and reflective learning.

4.1.3. Broadening and Deepening Elective (BDE) Requirement

These are courses chosen by students to broaden and deepen their learning experience. BDE may be used to fulfil requirements for Second Major, Minor, and Work-study programmes. It may be used to read Massive Open Online Courses (MOOCs) approved by NTU or to read graduate-level courses. Selected Major Prescribed Electives and general electives catering to broad interests, such as foreign language courses, can also be read under BDE.

Broadening and Deepening Electives (BDE) may be taken from the list of courses offered by the School or from courses offered by other Schools in the University, with the approval of the Chair concerned. Although these electives may be taken in any year of study, students are advised to plan carefully when to take these electives in order not to delay their graduation.

More information on MOOC is at

<https://www.ntu.edu.sg/admissions/matriculation/mooc>

4.2. Prerequisites

Some courses may only be offered to students who have obtained at least the specified grade in related courses offered at a lower level. These lower-level courses are called the prerequisites for the higher-level courses.

4.3. Transfer of Academic Units and Course Exemption

With the prior approval of the School Chair, existing students may take courses from another university and transfer the AU earned from that university to fulfill the degree requirements at NTU. This could include courses read during exchange and/or other similar programmes.

Grades and credits earned at other institutions will not be included in the CGPA computation for degree classification except in the case of dual degree NTU – SJTU programmes. However, the credits earned will be counted towards the AU requirement for graduation. Students who participated in an exchange programme may apply for credit transfer for courses that they have passed at the host university.

Students who have taken some courses from another university prior to their admission to NTU may apply for exemption from equivalent courses. They should submit their application for exemption to their School within the first semester of their enrolment in NTU.

Only credits and qualifications earned within the last 5 years from the date of application will be considered. The credits previously counted towards the award of a degree programme cannot be transferred to another degree of the same academic level. There will be no partial transfer of credit.

Students who are allowed to transfer credits or are granted course exemption must also comply with the requirements in Section 3 above on Candidature and Graduation Requirements.

5. Registration of Courses

5.1. Online Course Registration

All students must register for their courses online via the Student Automated Registration System (STARS), following the schedule announced by the Office of Academic Services.

Freshmen will have their courses pre-allocated for the first term by the university, unless they receive specific instructions from their School.

Students are to attend only the classes they have officially registered for. Students who join any classes without registration will not be allowed to sit for assessment(s) or examination(s) for the respective course(s).

For more details, please visit the Course Registration Page via Student Intranet > Academic Matters.

5.2. Outstanding Fees

Students with outstanding fees will be barred from course registration. Students must clear their outstanding fees at least 3 working days before registering courses.

5.3. Add/Drop Period

Students may add or drop any registered courses only within the designated Add/Drop period as announced by the Office of Academic Services.

A course that is dropped during the Add/Drop period will not appear in the official transcript. Students who are still registered for a course after the Add/Drop period but did not subsequently sit for assessment(s) or examination will be deemed to have read and failed the course. An 'F' grade will appear on their official transcript.

5.4. Academic Load

To complete the degree requirements within the specified normal period of candidature, full-time students at NTU are expected to carry an academic load of 16 to 18 AU per semester, though this may vary depending on the programme.

Subject to approval by the School Chair, students may be allowed to take up to 3 AU more than the normal semester academic load to enable them to pursue their studies at a pace commensurate with their needs and/or capabilities. Students who are on Academic Warning or Academic Probation, or whose CGPA is null are allowed to take only up to the normal load. CGPA would be null if all the courses that the student took in the semester are exempted from GPA computation and/or courses with Pass/Fail notations. Please refer to section 6 for details on grading system and computation of CGPA.

5.5. Restricted Repeat

Final year students who have failed any core course which is not offered in the semester following the failure may be permitted to take the failed course(s) as restricted repeat(s). This arrangement is available only for final year core courses which students cannot replace with any other courses offered in the following semester. Additionally, only final year students deemed to have sufficient AU to meet graduation requirements will be eligible for restricted repeat(s).

6. Examinations and Grades

6.1. Assessment and Examination

- 6.1.1. Continual Assessment (CA) is conducted in the form or mode that is suitable for the discipline of studies and content of the course. Feedback would be provided to students to enable them to improve on their learning during the semester.
- 6.1.2. Final examination is mandatory for examinable courses and it is generally held at the end of the semester. A student who is absent from any final examination without a valid reason, shall be deemed to have sat and failed the course.
- 6.1.3. Grade moderation may be applied to ensure consistency and fairness of assessment.
- 6.1.4. Students are not allowed to repeat courses that they have passed.
- 6.1.5. The grades for all attempts in all courses taken by a student are shown in his official transcript, except for courses with No Record grade (NR) after Flexible Grading Option is declared (details in Section 6.3).

6.2. Grading System

- 6.2.1. The grading system used is the Grade Point Average System (GPA). Grades and grade points are assigned as follows:

Letter Grade	Grade Point
A+	5.00
A	5.00
A-	4.50
B+	4.00
B	3.50
B-	3.00
C+	2.50
C	2.00
D+	1.50
D	1.00
F	0.00

- 6.2.2. The following non-letter grades and notations are also used:

- * - Course with Pass/Fail grading only
- IP - In Progress
- LOA - Absent (with valid reasons)
- EX - Exempted from course
- TC - Transfer credits
- P - Pass
- NR - No Record

- 6.2.3. The Cumulative Grade Point Average (CGPA) represents the grade average of all courses (including failed courses) attempted by a student. The computation of CGPA is as follows:

$$\frac{[\text{Grade Point} \times \text{AU for Course 1}] + \dots + [\text{Grade Point} \times \text{AU for Course X}]}{[\text{Total AU attempted in all the semesters so far}]}$$

Only letter-graded courses (i.e. courses with grades A+, A, A-, B- ...) are included in the computation of CGPA. Courses where only Pass/Fail grades are given, where the Flexible Grading Option (FGO) was invoked, where the students were absent with valid reasons (i.e. given an 'LOA' grade), and courses that the students are exempted from or are in progress (i.e. awarded an 'EX' or an 'IP' grade) are not included in the computation of CGPA. A few examples of how CGPA is computed are given below.

Example 1

Course	AU	Grade	Grade Point
AA1001	3	B	3.50
AB1002	3	B-	3.00
AC1003	3	C	2.00
AD1004	4	A	5.00
AE1005	3	D	1.00

$$\text{CGPA} = \frac{[3.50 \times 3] + [3.00 \times 3] + [2.00 \times 3] + [5.00 \times 4] + [1.00 \times 3]}{[3 + 3 + 3 + 4 + 3]} = 3.03$$

Example 2

(The FGO was invoked for AC1003 and AD1004. Grade P denotes a Pass grade while grade NR denotes No Record. These two courses, AC1003 and AD1004, are excluded from the computation of the CGPA.)

Course	AU	Grade	Grade Point
AA1001	3	B	3.50
AB1002	3	B-	3.00
AC1003	3	P	NA
AD1004	4	NR	NA
AF1006	3	F	0.00

$$\text{CGPA} = \frac{[3.50 \times 3] + [3.00 \times 3] + [0.00 \times 3]}{[3 + 3 + 3]} = 2.17$$

Example 3

(If a student is exempted from AA1001, grade 'EX' will be shown for this course. If a student is absent from AB1002 examination with a valid reason approved by the School, the grade 'LOA' will be shown for the course. AE1005 is a Pass/Fail course i.e. only P or F grades are awarded. The three courses are excluded from the computation of the CGPA.)

Course	AU	Grade	Grade Point
AA1001	3	EX	NA
AB1002	3	LOA	NA
AC1003	3	C	2.00
AD1004	4	A	5.00
AE1005	3	P	NA

$$\text{CGPA} = \frac{[2.00 \times 3] + [5.00 \times 4]}{[3 + 4]} = 3.71$$

- 6.2.4. The Year Grade Point Average (YGPA) represents the grade average of all courses (including failed letter-graded courses) attempted by a student in Semester 1 and 2 of any year. The computation of YGPA is as follows:

$$\frac{[\text{Grade Point} \times \text{AU for Course 1}] + \dots + [\text{Grade Point} \times \text{AU for Course X}]}{[\text{Total AU attempted in a year}]}$$

The method of computing the YGPA is similar to that for computing the CGPA. Please refer to the examples for computing CGPA. Courses attempted in the Special Terms are not included in the computation of the YGPA.

- 6.2.5. The CGPA will be reflected in students' transcripts.

6.3. Flexible Grading Option (FGO)

- 6.3.1. As part of the University's ongoing commitment to education transformation, the Flexible Grading Option (FGO) is to support students' transition to university life and give students greater ownership of their academic journey.
- 6.3.2. FGO allows students to convert the grades of eligible courses to Pass or No Record grades, which are excluded from the student's CGPA. Students can declare the FGO on eligible courses taken in any semester during any declaration period before their graduation, subject to the quota of FGO AU for their degree programmes.
- 6.3.3. After declaration, earned letter grades of A, B, C, and D will be converted to a Pass grade (P), and grade F will be converted to a No Record grade (NR). Following the declaration, students' CGPA for the latest semester will be recomputed to reflect the FGO-declared courses. Students will only receive AU for FGO-declared courses with Pass grades.
- 6.3.4. Pass (P) grades will be reflected in internal and external academic documents i.e. Degree Audit, Record of Exam Results (RER), and Transcript. No Record (NR) grades will be reflected in internal academic documents like the Degree Audit for tracking purposes. However, the course record (including the course title and grade) will not appear in external academic documents like the RER and Transcript.
- 6.3.5. All undergraduate students are eligible to exercise FGO. The FGO is not available to LKCMedicine students, exchange and non-graduating students studying in NTU.
- 6.3.6. The FGO is applicable to all course types except Final Year Projects, Professional Internships / Attachments and courses with academic sanctions imposed.
- 6.3.7. The maximum number of AU that a student can declare FGO on during their candidature is as follows:

Programme	FGO (Max 12 AU for Major Core, ICC & MPE courses)*
3-year programme	Up to 21 AU
4-year & 5-year programme	
- For full-time students	Up to 24 AU
- For part-time students	Up to 21 AU

*Courses include Major Core, MPE, ICC-Common Core, ICC-Professional Series, ICC-Care, Serve, Learn, TAIS-Core, USP-Core, NGLP-Core, TAIS-PE, USP-PE¹.

- 6.3.8. Students will have to submit their FGO declarations within the stipulated period after the release of course results. No late FGO declarations shall be accepted.
- 6.3.9. FGO declarations are irrevocable once submitted. Students are strongly advised not to rush their FGO declarations, and they should carefully consider their upcoming academic plans and milestones before submitting their declaration. These include applications for exchange programmes, internships, or full-time job applications, and graduation honours classification, etc. Students are also advised not to declare FGO on courses where letter grades are needed for professional accreditation and employment purposes.
- 6.3.10. FGO quota is deducted per course attempt. Each time FGO is declared on a course, the AU for that attempt is deducted from the quota.

¹ TAIS – Turing AI Scholars Programme, USP – University Scholars Programme, NGLP – NBS Global Leaders Programme

- 6.3.11. Students who exercise the FGO must comply with the graduation requirements of minimum AU of letter-graded courses for Core and Major Prescribed Electives, and for the whole programme as stated in Section 3 above on Candidature and Graduation Requirements.

6.4. Academic Standing

- 6.4.1. The criterion for satisfactory academic standing in any given semester is a minimum CGPA of 2.00.
- 6.4.2. Students with unsatisfactory results will be accorded the following academic standing and subjected to performance review:
- Academic Warning – if the CGPA falls below 2.00 for any given semester.
 - Academic Probation – if the CGPA falls below 2.00 for the second consecutive semester.
 - Academic Termination – if the CGPA falls below 2.00 for the 3rd consecutive semester, or if the student is unable to graduate at the end of the semester when he reaches his maximum candidature. A letter of termination will be issued. Appeal against termination on the grounds of extenuating circumstances may be made, subject to the following rules:
 - The appeal must be submitted to the relevant School within 2 weeks after the release of the semester examination results or before the start of the next semester, whichever is earlier.
 - Only one appeal is allowed per candidature.

If a student with an adverse academic standing and not having letter-graded courses in a semester, the student will retain the adverse academic standing at the end of the semester.

- 6.4.3. A minimum CGPA of 2.0 must be maintained at the end of each semester to qualify for the overloading of courses.
- 6.4.4. Students enrolled in the Accelerated Bachelor's Programme must maintain a minimum CGPA of 4.00 to remain in the Programme.

6.5. Classification of Students

Students are classified into respective study year according to the number of AU earned. Students will not advance to the next study year if their Cumulative Grade Point Average (CGPA) is null. Students placed on Academic Warning and Academic Probation will not advance to the next study year until they have been restored to satisfactory academic standing.

The number of AU that students must earn to be classified to the next year of study is at:

https://www.ntu.edu.sg/admissions/matriculation/academic-structure#Content_C007_Col00

6.6. Classification of Degree

The degree classification and corresponding CGPA requirement are as follows:

CGPA Range	Classification of Degree
4.50 – 5.00	Honours (Highest Distinction)
4.00 – 4.49	Honours (Distinction)
3.50 – 3.99	Honours (Merit)
3.00 – 3.49	Honours
2.00 – 2.99	Pass

- For programmes under the College of Engineering (except for the Maritime Studies programme) and the College of Computing and Data Science (except for the Data Science and Artificial Intelligence programme), a minimum CGPA of 4.50 and at least a 'B+' grade for the Final Year Project (FYP), are required for the award of an Honours (Highest Distinction) degree.
- For programmes under the College of Science (except for the Chinese Medicine programme), a minimum CGPA of 4.50 and at least an 'A-' grade for the Final Year Project (FYP), are required for the award of an Honours (Highest Distinction) degree. A minimum CGPA of 4.00 and at least a Pass grade for the Final Year Project (FYP) are required for the award of an Honours (Distinction) degree.
- For programmes under the School of Humanities and the School of Social Sciences, students who opt-out of the Final Year Project (FYP) will not be eligible for an Honours (Highest Distinction) or Honours (Distinction) degree.

6.7. Dean's List

The Dean's List is awarded to deserving top-performing students on a semester basis. Students are eligible for the Dean's List if they are among the top 5% of their cohort and attain a minimum GPA of 4.50, computed based on the raw grades of all courses taken at NTU in the semester before the application of FGO, excluding letter-graded Professional Internship / Attachment courses and FGO-declared BDEs, and subject to meeting the minimum AU requirements of letter-graded courses counted towards the GPA. Full-time single degree students have to complete at least 12 AU of letter-graded courses, while part-time single degree students have to complete at least 6 AU of letter-graded courses. Double-degree students have to complete a total of 12 AU of distinct letter-graded courses from both degrees, and 9 AU of letter-graded courses from each degree. See details in table below.

Criteria	Single-Degree	Double-Degree
Minimum SGPA	4.50	4.50
Minimum AU of Letter-Graded Courses	12 (for Full-time students) 6 (for Part-time students)	12*
Minimum AU of Letter-Graded Courses per degree	NA	9

* This is the total letter-graded AU of distinct courses earned by students from both degrees in an academic year, i.e. AU of common courses which contribute to both degrees will not be double counted.

Courses that are graded as Pass/Fail or those with grades 'EX' (Exempted), IP' (In Progress) and 'LOA' (Leave of Absence) are not counted in the AU of letter-graded courses for the purpose of determining the Dean's List. Students with records of academic or disciplinary misconduct will not be eligible for the Dean's List for the semester.