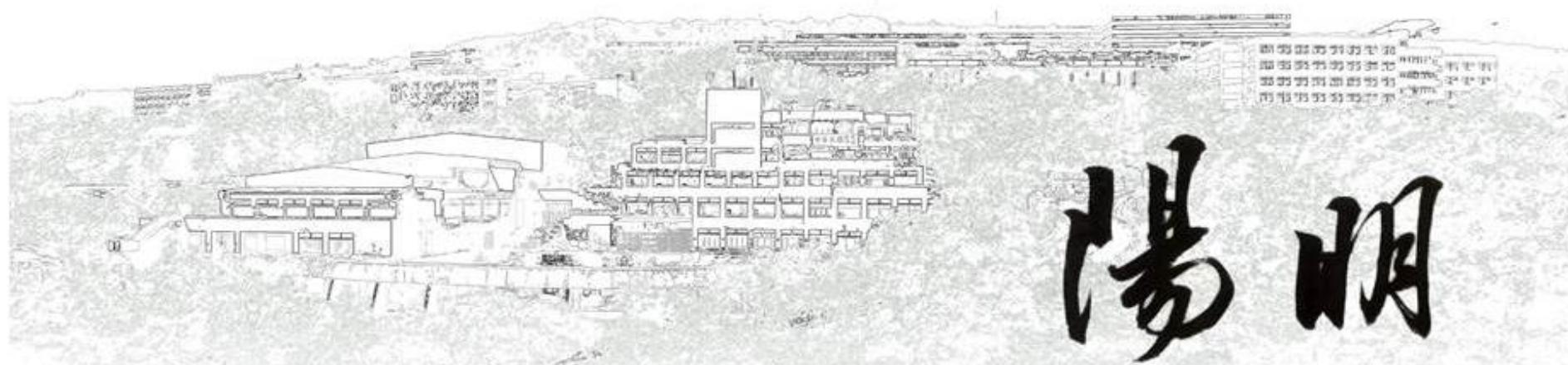




**Institute of Microbiology and Immunology
National Yang Ming Chiao Tung University
New Student Orientation Guide for the
2025 Master's Program**



(1) History at a Glance

- 1975 — Yang-Ming Medical College established
- 1977 — Department of Microbiology founded
- 1981 — Master's Program launched
- 1984 — PhD Program (Track A) launched
- 2003 — Molecular Medicine Program established with Academia Sinica
- 2005 — Genomic Sciences Program (PhD Track B) established
- 2009 — PhD program opened to international students
- 2010 — Master's/PhD programs opened to overseas Chinese students
- 2013 — In-Service PhD Program (Track C) launched
- 2017 — Master's program opened to international and Mainland China exchange students

(2) Vision

- To become a leading life science education center nurturing top research and teaching talent
- To grow into a world-class biomedical research institute with strong international competitiveness
- To cultivate future leaders across academia, industry, government, and research

(3) Strategic Focus

- Strengthen fundamentals in life sciences and expertise in microbiology & immunology
- Foster independent and lifelong learning
- Build strong problem-solving and analytical skills
- Promote outcome-oriented teaching and rigorous experimental training
- Enhance communication skills
- Encourage teamwork, resource management, and interdisciplinary research
- Pursue impactful, internationally competitive research directions

IMI Faculty

Full-Time Faculty

Name	Title	Room No.	Ext.	E-mail	Research Expertise
Chia-Lin Hsu	Professor & Director	309	67113	chialin.hsu@nycu.edu.tw	immunology, Immunometabolism, Macrophages, T Cells, Lysosomes
Chun-Min Leu	Professor	305	67296	cmleu@nycu.edu.tw	Immunology, Tumor Biology
Pei-Ching Chang	Professor	306	67111	pcchang@nycu.edu.tw	Tumor Immunology, Virology, Epigenetics, Vaccinology
Nien-Jen Chen	Professor	307	67106	njchen@nycu.edu.tw	Immunology, Molecular Immunology, Inflammation Regulation, Transgenic/Knockout Mice
Shir-Ly Huang	Professor	312	67108	sl.huang@nycu.edu.tw	Bacterial Biochemistry, Bacterial Physiology, Proteomics, Protein Drug Development
Po-Chen Hsu	Assistant Professor	405	67107	pchsu2025@nycu.edu.tw	Biology of Model & Pathogenic Yeast, Evolutionary Genetics & Genomics, Molecular Evolution
Ivan Dzhagalov	Associate Professor	406	67231	ivan.dzhagalov@nycu.edu.tw	Thymus, T Cell Development, Macrophages, Phagocytosis, Clearance of Apoptotic Cells, Fibroblasts, Heparan Sulfate, Mast Cells
Cheng-Yen Kao	Associate Professor	407	67112	kaocy@nycu.edu.tw	Bacterial Pathogenesis, Antimicrobial Resistance, Drug Development
Chi-Ju Chen	Associate Professor	408	67180	cjchen@nycu.edu.tw	Molecular Virology, Virus–Host Interactions
Ming-Han Tsai	Associate Professor	411	67109	m.tsai@nycu.edu.tw	Oncovirus Biology, Viral Pathogenesis in Human Diseases

Jointly Appointed Faculty

Name	Title	Current Position	Ext.	E-mail	Research Expertise
Chi-Hung Lin	Professor / President	Institute of Biotechnology	67219	linch@nycu.edu.tw	Cancer Biology, Cell Biology, Biomedical Optics, Genomics
Shih-Liang Hsieh	Distinguished Research Fellow	Center for Immunology, National Health Research Institutes	67220	slhsieh@nhri.edu.tw	Glycoimmunology, Host–Microbe Interactions, Tumor Immunology

Adjunct Faculty

Name	Title	Current Position	Ext.	E-mail	Research Expertise
Cheng-Lun Kuo	Professor	Chang Gung University, Graduate Institute of Clinical Medicine	(03)2118800#3483	clku@cgu.edu.tw	Human Immunology, Infection & Genetic Defects, Autoantibodies

Yu-Huan Tsai	Assistant Professor	Dept. of Medical Biotechnology, Chang Gung University	(03)2118800#3585	yuhuan.tsai@cgu.edu.tw	Microbe-Host Interactions, Infectious Diseases & Reverse Transcription Medicine, Barrier Immunity
Hsu-Ting Hu	Professor	Retired Faculty Member		tingnahu@gmail.com	Molecular Biology, Bacteriology, Genetic Engineering
Wen-Cheng Tsai	Professor	SuperLab (Taiwan-US Laboratory Technology Co.)	2298-1887	wctsai@superlab.com.tw	Microbial Testing
Chung-Yi Hwang	Associate Professor	Radiology Dept., Cheng Hsin General Hospital	2826-4400#5753	chungyihwang@yahoo.com.tw	Cancer Radiotherapy, Immunology, Genetic Engineering

Administrative Staff

Name	Title	Room No.	Ext.	E-mail	Responsibilities
Hsin-Fang Fan	Administrative Officer	301	65242	hffan@nycu.edu.tw	Institute affairs, student affairs, and general administration
Yueh-Ting Kuo	Deputy Administrator	301	65611	huina@nycu.edu.tw	Undergraduate curriculum and teaching-related affairs
Yen-Nien Chen	Deputy Administrator	301	65672	ynchen@nycu.edu.tw	Graduate curriculum and teaching-related affairs

Master's Program Requirements

Semester	Required Courses	Required Electives	Electives
1st Year – Fall Semester	① Academic Research Ethics (0) ② Online Course on Gender Equality (0) ③ Advanced Microbiology and Immunology – Immunology (2) or Immunology (English-taught) (2) ④ Advanced Microbiology and Immunology – Virology (2) or Virology (English-taught) (2) ⑤ Modern Research Methods in Biology (2)	• Seminar in Microbiology and Immunology (2) • Biomedical Lectures, College of Life Sciences (1)	
1st Year – Spring Semester	⑥ Advanced Microbiology and Immunology – Bacteriology (2) or Bacteriology (English-taught) (2)	• Seminar in Microbiology and Immunology (2) • Research in Microbiology and Immunology (2) • Biomedical Lectures, College of Life Sciences (1)	
2nd Year – Fall Semester		• Seminar in Microbiology and Immunology (2) • Research in Microbiology and Immunology (2)	
2nd Year – Spring Semester		• Research in Microbiology and Immunology (2)	

Important Notes

- Among courses ③④⑤⑥, students must take **three out of four** required subjects.
- For courses ③④⑥ (Chinese and English versions), students may select **only one** for credit. If both versions are taken, **only one** may be counted toward graduation credits.
- Students must enroll in **“Seminar in Microbiology and Immunology” (2 credits) three times** before graduation. A fourth enrollment is allowed if necessary.

IMI Scholarships

Institute/College Scholarships

- Scholarships for **1st- and 2nd-year Master's students** are administered by the College of Life Sciences.
- Funded through tuition.
- Awarded **once per semester**:
 - Fall semester: **December**
 - Spring semester: **May**

Other External Scholarships

- Chen Tsung-Jen Immunology Research Foundation
- Taiwan Society for Microbiology – Professor Yen Chih-Chung Scholarship

Support for Attending Conferences

- **Professor Wen-Cheng Tsai** supports students presenting at **domestic conferences**.
- The **College of Life Sciences** provides subsidies for graduate students attending **international or domestic academic conferences**.

Regulations for the Master's Program

Institute of Microbiology and Immunology
National Yang Ming Chiao Tung University**

I. General Principles

This Institute is officially approved by the Ministry of Education as the **Institute of Microbiology and Immunology, National Yang Ming Chiao Tung University** (hereafter referred to as “the Institute”), in English:

Institute of Microbiology and Immunology, National Yang Ming Chiao Tung University (IMI, NYCU).

II. Admissions

All admissions procedures and requirements shall be conducted in accordance with the admissions brochure of the corresponding academic year.

III. Enrollment and Registration

1. New student registration shall follow the procedures outlined in the admissions brochure, university enrollment notices, and relevant regulations.
2. Admitted students must complete the required enrollment procedures within the designated period and present their diploma(s) or verification documents.
3. Any admitted student found to have submitted falsified documents will have their student status revoked immediately.

IV. Curriculum Requirements

(A) Domestic Students

1. General Track — Required Courses

- Advanced Microbiology and Immunology – Immunology (2 credits)
or Immunology (English-taught) (2 credits)
- Advanced Microbiology and Immunology – Virology (2 credits)
or Virology (English-taught) (2 credits)

- Advanced Microbiology and Immunology – Bacteriology (2 credits)
or Bacteriology (English-taught) (2 credits)
- **Note:** Only one version (Chinese or English) may count toward graduation. If both are taken, only one may be counted.
- Modern Research Methods in Biology (2 credits)

Among the four courses listed above, students must take **at least three**.

- Academic Research Ethics (0 credits)

2. Physician–Scientist Track — Required Courses

- The same course options as items ①–③ above; students must take **one of the three**.
- Physician–Scientist Master’s Research (I) (3 credits, Fall semester)
Physician–Scientist Master’s Research (II) (3 credits, Spring semester)
- Academic Research Ethics (0 credits)

(B) International Students — Required Courses

- Immunology (English-taught) (2 credits)
- Virology (English-taught) (2 credits)
- Bacteriology (English-taught) (2 credits)
- Modern Research Methods in Biology (Chinese-taught) (2 credits)
or Biomedical Experimental Techniques (English-taught) (2 credits)

Students must take **at least three** of the above courses.

- Academic Research Ethics (0 credits)

(C) Regulations Applicable to Both Domestic and International Students

1. First-year students must take **Biomedical Lectures** (1 credit) for at least **two semesters**.
2. After selecting a laboratory (except 1st-year Fall semester), students must enroll in **Research in Microbiology and Immunology** (2 credits) every semester.
3. Students must take **Seminar in Microbiology and Immunology** (2 credits) **three times** before graduation. A fourth enrollment is allowed if necessary.
 - Physician–Scientist students must complete **two enrollments**.
4. Electives must be chosen from courses announced by the Office of Academic Affairs each semester.
5. Course selection, adding, and dropping must comply with university academic regulations.

V. Study Duration, Credits, and Credit Transfer

1. The period of study ranges from **1 to 4 years**. Leave of absence, withdrawal, or extension must follow university regulations.
2. Students must complete **at least 24 credits**, including required courses defined by the Institute (exclusive of the thesis).
3. Leave of absence follows university regulations.
4. Up to **12 credits** (half of the required graduation credits) may be transferred, subject to approval by the Curriculum Committee before the add/drop deadline.

VI. Transfer to the Institute

1. Students who have studied for at least one semester may apply for transfer with approval from their original department and upon review and approval by the Institute and the Dean of Academic Affairs.
2. Transfer is limited to **one time** and students must fulfill all graduation requirements of the Institute.

VII. Examinations and Grading

1. Course assessment includes continuous evaluation, midterm exams, and final exams, conducted at the instructor's discretion.
2. Final grades must be submitted to the Office of Academic Affairs within two weeks after the end of the examination period.
3. Grade changes due to errors must follow the university's "Regulations for Grade Submission and Correction."
4. Grading:
 - o Numerical grading system: 100-point scale; 70 = passing.
 - o For students admitted from Academic Year 2015 onward: letter grading system; **A+** = highest, **B-** = passing.
 - o Conduct grades follow the letter system; Grade B = passing.
5. Required courses that are failed must be retaken.
6. Students unable to attend examinations due to official duties, illness, or major incidents must follow relevant university procedures.

VIII. Thesis Supervision

(A) Thesis Advisor

1. Students should select an advisor within the first two weeks of the semester (before the add/drop deadline).

2. Advisors must comply with Institute regulations; faculty with spousal or close kinship relations (within 3 degrees) to a student may not serve as their advisor.
3. If a student cannot find an advisor or if the advisor becomes unavailable, the Institute Director shall assist in arranging supervision.
4. Changing advisors requires a written application and approval.
5. Advisors wishing to terminate supervision must submit written documentation; the Institute will notify the student and assist in finding a new advisor.
6. Research results and ideas originating from the former advisor may only be used with their consent.
7. Advisors bear responsibility for thesis misconduct or academic integrity violations.

(B) Thesis Advisory Committee

1. A committee of **3–5 members** (Assistant Professor/Researcher level or above) shall be formed for each student; members may be adjusted as needed.
2. Committee members guide the student's coursework, literature review, experimental research, and thesis writing—mere nominal involvement is strictly prohibited.

(C) Laboratory Selection

1. Full-time faculty may accept up to **two Master's students per year**; adjunct faculty may accept **one student every other year**.

(D) Laboratory Transfer

1. Students may transfer laboratories only after working in the original lab for **at least six months**.
2. The receiving advisor must be a full-time or adjunct faculty member of the Institute.
3. The transfer process requires written consent from both the original and the new advisor, with signatures from both advisors and the Institute Director.
4. Faculty members approached by transfer-seeking students must first notify the Institute Director.

(E) Thesis Progress Reports

1. Students must present progress reports each semester after selecting a laboratory (except first-year Fall semester).
 - 1st year Spring: before May 15
 - 2nd year Fall: before October 31
 - 2nd year Spring: before April 15
 - For 3rd & 4th year (if applicable): same deadlines as above

2. Extensions are permitted only if committee members cannot meet by the deadline or if the advisor deems the student insufficiently prepared.
3. Report schedules and committee lists must be submitted at least one week in advance for room arrangements.
4. **Grading Criteria:**
 - A+ (95): Passed with an accepted/published manuscript
 - A- (85): Passed
 - B (75): Passed after re-presentation or delayed presentation
 - C (60): Presented but failed
 - X (0): Not presented before semester ends

IX. Master's Degree Examination

(A) Application

Students must submit the application form and transcript, signed by the advisor, at least **seven working days** before the examination.

(B) Eligibility

1. Completion of at least **one year** of study.
2. Completion of **24 course credits** (excluding thesis).
 - Students with fewer than 24 completed credits may apply but must pass all required credits by the end of the semester.

(C) Degree Examination Committee

1. Committee of **3–5 members**, internal or external, with a convener approved by the Institute Director. The advisor may not serve as convener.
2. Member qualifications follow NYCU's "Degree Conferment Regulations."
3. Committee members are recommended by the advisor and appointed by the University President.
4. Committee changes require approval before the oral exam.

(D) Thesis Writing

1. Theses must be written in Chinese or English, in horizontal format. Academic misconduct (fabrication, falsification, plagiarism, ghostwriting) results in a failing grade with no opportunity for retake.
2. Thesis draft must follow university formatting rules and be submitted to committee members one week before the exam.

(E) Examination Period

- Fall semester exams must be completed **before January 31**;
- Spring semester exams must be completed **before July 31**.

(F) Examination Procedures

1. The degree exam includes thesis defense and thesis evaluation.
2. An originality report must be completed before the defense.
3. The oral defense is public, with the time, location, and thesis title announced beforehand.
4. Committee members must attend in person; proxies are not allowed.
5. At least **three members** must attend for the exam to be valid.

(G) Scoring

1. A+ (100) = highest; B- (70) = passing.
2. If half or more committee members give a failing grade, the exam is failed.
3. Students must revise their thesis according to committee comments; two-thirds approval is required for final acceptance.
4. Conditional passes must meet all conditions before the degree is conferred.

(H) Retake Policy

Students who fail must retake the exam before the study limit expires; **only one retake** is allowed.

(I) Submission of Final Documents

Students must submit all required documents (scoresheet, printed thesis, originality report, declaration forms, electronic files, etc.) and complete the exit procedures before receiving the diploma.

X. Graduation and Exit Procedures

1. Printed theses must be submitted by the last working day before the next semester begins. Late submission requires re-registration unless the study period has ended.
2. Thesis binding must follow university and Ministry of Education formatting.
3. One bound copy is stored in the university library (hardcover), one in the National Central Library (softcover), and one in the Institute office.
4. Thesis access follows relevant laws; confidential or patent-related works may apply for restricted access.
5. Students must complete online graduation procedures with advisor and Institute Director approval.
6. After completing all requirements, students will be conferred the **Master of Science (M.S.)** degree.
7. Students unable to complete graduation within the required period may apply for retention with proper documentation.
8. The Institute may **revoke a conferred degree** for falsification, fraud, plagiarism, or other academic misconduct.

XI. Matters Not Covered

Any matters not specified herein shall follow other relevant NYCU regulations.

XII. Amendments

These regulations take effect after approval by the Curriculum Committee and subsequent institutional review. Amendments follow the same procedure.

National Yang Ming Chiao Tung University 2025-2026 Academic Calendar
Fall Semester (Revised on 18 June 2025)

March 19, 2025 Passed by the 5th University Executive Meeting, spring semester, Academic Year 2024-2025
 Ratified by the Ministry of Education, as written in its official letter coded as Tai-Jiao-Gao (1) Zi, No.1140034356, dated 27 March, 2025

Year	Week	Date							Event			
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Month	Day		
2025									AUG	1 Fall Semester begins		
		1	2	3	4	5	6	7		1 Application for minor studies (including graduate and degree programs) and double majors begins (Aug. 1-Sep. 19)		
		3	4	5	6	7	8	9		10 Application for degree programs as international students (Spring 2026) begins		
		10	11	12	13	14	15	16		17 Freshmen Dorm Move-in (Aug. 23-24)		
		17	18	19	20	21	22	23		25 Freshmen Orientation Week (Aug. 25-29)		
		24	25	26	27	28	29	30		25 3rd Stage Course Selection Period (Aug. 25-28)		
		31								27 Matriculation Ceremony		
		1	2	3	4	5	6			29 Summer courses end		
		7	8	9	10	11	12	13		1 Fall Semester classes begin		
		14	15	16	17	18	19	20		1 Course add/drop and intercollegiate course selection (Sep. 1-12)		
		21	22	23	24	25	26	27		3 Deadline for payment of tuition fees		
		28	29	30						5 Deadline for grade corrections (for Spring 2025)		
										8 The 'Road Safety Awareness Week' activities (Sep. 8-12)		
										12 Deadline for credit exemption		
		1	2	3	4	5	6		SEP	28 Teachers' Day		
		7	8	9	10	11	12	13		29 Make-up holiday as Teachers' Day (holiday)		
		14	15	16	17	18	19	20		30 Deadline for application for degree programs as international students (Spring 2026)		
		21	22	23	24	25	26	27				
		28	29	30								
		5	6	7	8	9	10	11		6 The Mid-Autumn Festival (holiday)		
		12	13	14	15	16	17	18		9 Deadline for getting a two-thirds (2/3) refund for graduates and those with a temporary leave or suspension from school		
		19	20	21	22	23	24	25	OCT	10 The National Day (holiday)		
		26	27	28	29	30	31			17 Deadline for continuing education proposals		
										20 Mid-term Exams (Oct. 20-23)		
										20 Academic warning begins		
										24 Make-up holiday as Taiwan Restoration Day (holiday)		
										25 Taiwan Restoration Day (holiday)		
										27 The Academic Warning System is available for faculty members		
		1	2	3	4	5	6		NOV	10 Academic Warning – offering needed support to students with low academic standing		
		2	3	4	5	6	7	8		12 Sports day – the preliminaries		
		9	10	11	12	13	14	15		14 Deadline for getting a one-third (1/3) refund for graduates and those with a temporary leave or suspension from school		
		16	17	18	19	20	21	22		19 Sports day (no daytime class)		
		23	24	25	26	27	28	29		28 Deadline for course withdrawal		
		30										
		1	2	3	4	5	6					
		7	8	9	10	11	12	13	DEC	10 University Council Meeting		
		14	15	16	17	18	19	20		15 Final Exams (Dec. 15-19)		
		21	22	23	24	25	26	27		20 Application for degree programs as international students (Fall 2026) begins		
		28	29	30	31					22 Winter vacation begins (Dec. 22-Feb. 20, 2026)		
										22 1st Stage Course Selection Period (Dec. 22-25)		
										25 Constitution Day (holiday)		
										29 2nd Stage Course Selection Period (Dec. 29-31)		
		1	2	3					JAN	1 New Year' Day (holiday)		
		4	5	6	7	8	9	10		9 Deadline for application for direct admission to PhD programs (for Academic Year 2025)		
		11	12	13	14	15	16	17		16 Deadline for grade submissions (for Fall 2025)		
		18	19	20	21	22	23	24		31 Fall Semester ends		
		25	26	27	28	29	30	31				
Note		Note 1: Any changes to the holidays will be notified by an announcement. Note 2: Deadline for application for direct admission to a PhD program: If the research institute in question has another application schedule, please follow its regulations.										
(Revised on 18 June 2025) In accordance with the 2025 Work Calendar (Revised Version) announced by the Directorate-General of Personnel Administration, Executive Yuan, adjustments have been made to the holidays on September 29, October 24, and December 25.												

National Yang Ming Chiao Tung University 2026 Academic Calendar
Spring Semester (Revised on 18 June 2025)

March 19, 2025 Passed by the 5th University Executive Meeting, spring semester, Academic Year 2024–2025
 Ratified by the Ministry of Education, as written in its official letter coded as Tai-Jiao-Gao (1) Zi, No.1140034356, dated 27 March, 2025

Year	Week	Date							Month	Day	Event		
		Sun	Mon	Tue	Wed	Thu	Fri	Sat					
2026	1	1	2	3	4	5	6	7	FEB	1	Spring Semester begins		
		8	9	10	11	12	13	14		1	Application for minor studies (including graduate and degree programs) and double majors begins (Feb.1-Mar.13)		
		15	16	17	18	19	20	21		9	3rd Stage Course Selection Period (Feb.9-11)		
		22	23	24	25	26	27	28		14	Chinese New Year holidays (Feb.14-Feb.20)		
										23	Spring Semester classes begin		
										23	Course add/drop and intercollegiate course selection (Feb.23-Mar.6)		
										23	The 'Friendly Campus Week' activities (Feb.23-26)		
										23	Dormitory Application Opens (for Fall 2026)		
	2								MAR	25	Deadline for payment of tuition fees		
		1	2	3	4	5	6	7		26	Deadline for grade corrections (for Fall 2025)		
		8	9	10	11	12	13	14		27	Make-up holiday as Peace Memorial Day (holiday)		
		15	16	17	18	19	20	21		28	Peace Memorial Day		
		22	23	24	25	26	27	28		6	Deadline for credit exemption		
		29	30	31						6	Mei-Chu Contest (Mar.6-8)		
					1	2	3	4		11	The campus run		
					5	6	7	8		15	Deadline for application for degree programs as international students (Fall 2026)		
	3				12	13	14	15	APR				
					19	20	21	22		1	Deadline for getting a two-thirds (2/3) refund for graduates and those with a temporary leave or suspension from school		
					26	27	28	29		2	Intercollegiate activities (holiday)		
					5	6	7	8		3	Children's Day and Tomb Sweeping Day (Apr.3-6)		
					12	13	14	15		8	The NCTU Anniversary		
					19	20	21	22		13	Mid-term Exams (Apr.13-17)		
					26	27	28	29		13	Academic warning begins		
					31					17	Deadline for continuing education proposals		
	4								MAY	20	The Academic Warning System is available for faculty members		
										1	Labor Day (holiday)		
										4	Academic Warning – offering needed support to students with low academic standing		
										8	Deadline for getting a one-third (1/3) refund for graduates and those with a temporary leave or suspension from school		
										15	The NYMU Anniversary		
										20	The School Aquatic Competition		
										22	Deadline for course withdrawal		
										27	University Council Meeting		
	5								JUN	1			
										8	Final Exams (Jun.8-12)		
										13	Commencement		
										15	Summer vacation begins		
										15	1st Stage Course Selection Period (Jun.15-18)		
										19	Dragon Boat Festival (holiday)		
										22	2nd Stage Course Selection Period (Jun.22-25)		
										1	Summer courses begin		
	6								JUL	10	Deadline for grade submissions (for Spring 2026)		
										15	Deadline for application for direct admission to PhD programs (For Academic Year 2026)		
										31	Spring Semester ends		
Note		Note 1: Any changes to the holidays will be notified by an announcement. Note 2: Deadline for application for direct admission to a PhD program: If the research institute in question has another application schedule, please follow its regulations.											
(Revised on 18 June 2025) In accordance with the 2026 Work Calendar announced by the Directorate-General of Personnel Administration, Executive Yuan, adjustments have been made to the holidays on February 20 and May 1.													

Important Notes

1. Application for Credit Transfer

The number of credits that may be transferred is limited to **half of the total credits required for graduation** in this program (**up to 12 credits**). Applications must be submitted to the Curriculum Committee **before the add/drop deadline** each semester.

2. Seminar in Microbiology and Immunology – Class Assignment by Drawing Lots

To encourage Master's students to experience different seminar classes, a **lot-drawing meeting** is held each semester for the course "*Seminar in Microbiology and Immunology*."

The class representative of the Master's cohort will convene a class meeting to conduct the drawing for the new semester. For first-year students, the second-year class representative will assist with the drawing and the selection of class officers on the registration day.

3. Required Course: "Biomedical Lectures, College of Life Sciences" (English-taught)

1. First-year Master's students are required to take "*Biomedical Lectures, College of Life Sciences*" (English-taught, 1 credit) for **at least two semesters**, for a total of **2 credits**.
2. In the semester when you register for this course, you must attend the invited biomedical lectures designated by the Institute. Grading is based on **submitting your handwritten notes** on the invited speaker's talk immediately after the lecture.

4. Required Course: "Research in Microbiology and Immunology"

During the period of study, students must enroll in "*Research in Microbiology and Immunology*" (2 credits) **three times**.

Except for the **first semester of the first academic year**, students are required to give a **thesis progress report every semester**:

- 1st academic year, Spring semester: **before May 15**
- 2nd academic year, Fall semester: **before October 31**
- 2nd academic year, Spring semester: **before April 15**

5. Required Courses: “Academic Research Ethics” (0 credits) and “Online Gender Equality Education” (0 credits)

1. For students admitted **from Academic Year 2021 onward**, there is no need to formally add the Research Ethics course in the system. After student accounts are created (from the **third week after the semester begins**), students must complete the course via the **“Taiwan Academic Ethics Education Resource Center”** online platform:
Website: <https://ethics.moe.edu.tw/>
2. All students admitted **from Academic Year 2022 onward** must complete the Gender Equality Education course on the university’s e-learning platform **during their first semester of enrollment**, and pass the online test.
Students who do not reach the passing standard may retake the online test on the platform until they pass.

6. Encouragement to Attend Institute Seminars, Biomedical Lectures, and the “Wednesday Noon Seminar” of the College of Life Sciences

Each semester, the Institute invites domestic and international scholars to give seminars, and the College of Life Sciences organizes biomedical lectures and a **Wednesday noon seminar series**.

For students who, in a given semester, **are not enrolled** in the Biomedical Lectures course but attend:

- an Institute seminar,
- the College’s Wednesday Noon Seminar, or
- a Biomedical Lecture,

each event attended will add 1 point to the final grade of “Seminar in Microbiology and Immunology”, up to a maximum of 5 additional points per semester.

7. English Oral Thesis Progress Report

In the **first semester of the second academic year**, Master’s students must participate in a **public thesis progress report conducted in English**, and **must be enrolled** in **“Research in Microbiology and Immunology”** (2 credits) in that same semester.

Students admitted in the **Spring (early) term** may choose to give this English progress report either in the **second semester of the first year** or **the second semester of the second year**.

8. Yun, Hsun-Jo Award for Excellence in Conduct, Academics, and Thesis & NYCU Yang-Ming Outstanding Master's Thesis Competition

The Institute usually conducts an **internal preliminary thesis review in early April** each year and encourages second-year Master's students to register voluntarily.

The **first-place winner** of the preliminary review will represent the Institute in the **“Yang-Ming Outstanding Master's Thesis Scholarship Competition”** at the university level.

Research Resources – Facilities and Instruments



Biosafety Level-2 Laboratory (Traditional Building, Room 414)



Instrument Resource Center (Biomedical Building, 7th Floor)

Teaching Environment

