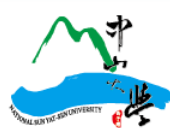


Department of Biomedical Science and Technology



2026 Academic Year Student Handbook



國立中山大學醫學院
生物醫學科技學系
Department of Biomedical Science and Technology

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I. About the Department

A. Department Features

Our Department integrates interdisciplinary expertise in biology, medicine, materials science, engineering, and information technology to advance cutting-edge medical science and technology and promote its applications in biotechnology and pharmaceuticals, clinical medicine, biomedical engineering, and intelligent long-term care.

Through interdisciplinary education in biomedical science and engineering, students develop the ability to apply theoretical knowledge to innovative practice, cultivate strong problem-solving skills, and value teamwork through effective collaboration toward shared goals. In addition, students are expected to develop a global perspective and strong language proficiency, enabling them to communicate effectively and demonstrate professional expertise in multicultural environments. These competencies equip graduates with the core strengths and competitiveness required of interdisciplinary professionals.

B. Future Career

- **Medical Scientist:** Conduct biomedical research at universities and colleges, medical centers, and research and testing institutions.
- **Medical Technology Industry Engineer / Biomedical Engineer / Medical Data Analyst:** Engage in research and development (R&D) and product development in the biotechnology and pharmaceutical industries.
- **Government Service:** Serve in medical science and technology-related administrative positions at central or local government science and research institutions.

C. Department Picture



↑ Front Entrance



↑ Classroom

II. Chair

◆ Distinguished Professor Lin, Che-Hsin

- ◆ Educational Background:
Ph.D., Department of Biomedical Engineering, National Cheng Kung University
- ◆ Office: EN4044
- ◆ E-mail: chehsin@mail.nsysu.edu.tw
- ◆ Lab Website:
<http://www2.nsysu.edu.tw/bems>
- ◆ Expertise: MEMS Fabrication Technology, Biochip Technology, Microfluidic Systems, Design and Fabrication of Microsensors, Semiconductor Fabrication Technology, Biomedical Engineering, Atmospheric Plasma Technology, Surface Treatment, Biomedical Optoelectronic Systems



國立中山大學醫學院
生物醫學科技學系
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III. Faculties

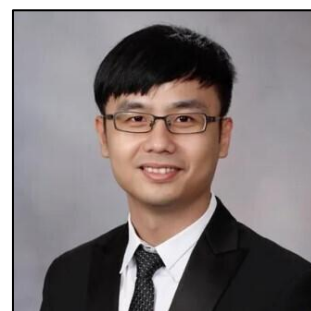
◆ Associate Professor Lee, Mon-Juan

- ◆ Educational Background: PhD, Department of Life Science, National Tsing Hua University
- ◆ Office: IL3006
- ◆ E-mail: mjlee@mail.nsysu.edu.tw
- ◆ Lab Website: <https://d908205.wixsite.com/mon-juan-lee>
- ◆ Expertise: Biosensing technologies, drug-screening platforms, nanobiomaterials, stem cells and regenerative medicine



◆ Assistant Professor Wu, Jian-Xing

- ◆ Educational Background: Ph.D., Department of Biomedical Engineering, National Cheng Kung University
- ◆ Office: IL3007
- ◆ E-mail: jxwu@mail.nsysu.edu.tw
- ◆ Expertise: Biomedical electronic systems design, Machine learning and deep learning–assisted diagnosis, Research and development of wireless sensor network technologies and applications, 3D Photoacoustic imaging system, Medical ultrasound



◆ **Assistant Professor**

Yang, I-Hsuan

- ◆ Educational Background:
Ph.D., Department of Biomedical Engineering, National Taiwan University
- ◆ Office: IL3009
- ◆ E-mail: ihyang@mail.nsysu.edu.tw
- ◆ Lab Website: <https://nsysuyanglab.wixsite.com/fbcg>
- ◆ Expertise: Modification and application of biomedical polymers, Medical ceramics and composite materials, Tissue engineering and regenerative medicine, Drug delivery system



◆ **Assistant Professor**

Lin, Hsuan-Wen

- ◆ Educational Background:
Ph.D., Institute of Biotechnology, National Tsing Hua University
- ◆ Office: IL3006
- ◆ E-mail: hsuanwenlin@g-mail.nsysu.edu.tw
- ◆ Expertise: Biomedical imaging, Molecular biology, Neuroscience



◆ **Assistant Professor**

Lee, Wei-Kai

- ◆ Educational Background:
Ph.D., Department of Biomedical Imaging and Radiological Science, National Yang Ming Chiao Tung University
- ◆ Office: IL3008
- ◆ E-mail: wkleee@mail.nsysu.edu.tw
- ◆ Expertise: Medical image analysis, AI in biomedical application, Neuroimage



- ◆ For more information about the Adjunct Professors:

<https://bmst.nsysu.edu.tw/p/412-1351-25139.php?Lang=en>

IV. Admission Information

A. BMST Website and relating social medias

Websites	QR code
BMST Website	
BMST Instagram	
BMST Student Association Instagram	

B. Important Pre-Enrollment Schedule for Incoming Students

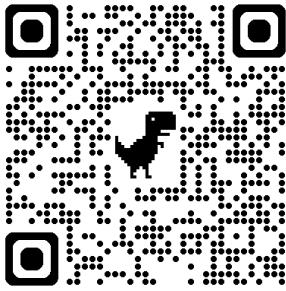
(Please refer to [Appendix 1](#) for more details.)

Date	Tasks	Notes
2026/08/20 (Thu.) 09:00 2026/08/21 (Fri.) 17:00	Fall 2026 Preliminary course selection round 1 (Inter-college Electives, Liberal Arts Courses)	Result Announcement 08/24 (Mon.) 14:00
2026/08/25 (Tue.) 09:00 2026/08/26 (Wed.) 17:00	Fall 2026 Preliminary course selection round 2 (All courses)	Result Announcement 08/27(Thu.)14:00
2026/08/28 (Fri.) 09:00 2026/08/31 (Mon.) 17:00	Fall 2026 Course add/drop round 1	Result Announcement 09/01 (Tue.) 14:00

2026/09/03(Thu.) 10:00 – 12:00	Health Checkup	
TBA	Incoming Students' Welcome Party	 Please check the OIA website and your email regularly for latest news
Before 2026/09/07(Mon.)	Inventory of Mental Health (online)	 You will need your student ID number to enter the system and fill out the form
2026/09/07(Mon.)	Registration day for all students (First day of classes)	
2026/09/09 (Wed.) 09:00 2026/09/11 (Fri.) 22:00	Fall 2026 Course add/drop round 2	Result Announcement 09/14 (Mon.) 14:00

C. Registration

Online Registration System: https://selcrs.nsysu.edu.tw/stu_enroll/index_eng.asp

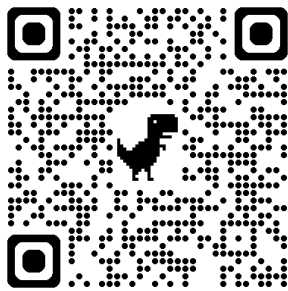


(Please check the checklist and instructions at the bottom of the webpage, and complete the tasks before the deadline.)

D. Health Checkup

- **Student Health Examination Form**

https://sis.nsysu.edu.tw/ONAMS/apply_index.php?ONA_ITEM_NO=0H14003&CTYPE=A



(You will need your student ID number to enter the system and fill out the form.)

- **Freshman Health Checkup**

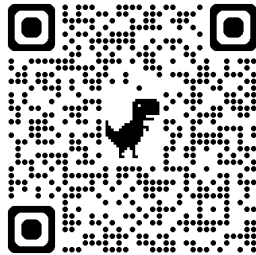
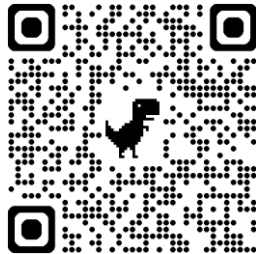
The freshman health checkup for the Department will be held from **10:00 a.m. to 12:00 p.m.** on **Thursday, September 3, 2026.**

All freshmen have been assigned an on-campus health checkup session. Students are strongly encouraged to participate in the on-campus health examination, as it offers a convenient process and saves the time required to arrange an examination at an external medical institution.

- ♦ Examination Fee: **NT\$650** (payment on site; please prepare exact change).
- ♦ Examination Venue: Rear Plaza, 1F, Library and Information Building.
- ♦ Please bring your passport or ARC for identity verification.
- ♦ Students may also choose to complete the health checkup at any accredited public or private regional hospital in Taiwan.

E. Graduation Requirements

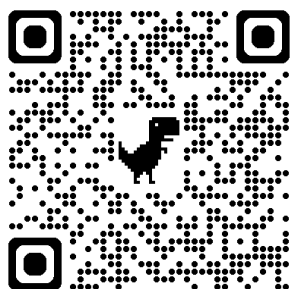
- Required Graduation Credits (applied to BMST incoming students)

Minimum Graduation Credits: 128			
Required Courses		Minimum Required Credits	Notes
1	BMST Required Courses	61	 Of the minimum at least 33 credits must be earned from elective courses offered by the Department. In addition, students are required to complete at least two professional elective courses offered by a different group within the Department (Biomedical Science Group & Medical Engineering Group).
2	BMST Elective Courses	33	
3	General Education (excluding <i>Sports & Health</i> courses' credits)	28	 【Settings】 Admission Year: 2026 AY Grade: Freshman Initial English Placement: Basic

- **General Graduation Requirements (applied to all students)**

1. **General Education Seminar**

Each student must attend **6 General Education Seminars** which are approved by the *SIWAN College*: <https://siwan.nsysu.edu.tw/?Lang=en>



(Please find the information and related article for the *115-1 General Education Seminar*.)

2. **Swimming Course & Test (choose either one to complete)**

- (1) **Breaststroke 50m Test**

- (2) **Take a swimming course in spring semester:**

SPORT & HEALTH: BASIC SWIMMING + Breaststroke 25m Test

3. **English Graduation Requirement & Course (must complete both)**

- (1) **Course:** At least 6 credits, reaching the High-Intermediate level or above.

- (2) **Proficiency Certification (choose one of the following two options)**

- i. **Pass one of the English proficiency tests** with a score that meets the standard.

- ♦ TOEIC Listening and Reading Test: 600
- ♦ IELTS (International English Language Testing System): Band 5
- ♦ TOEFL iBT Test: 61
- ♦ GEPT: High-Intermediate Level (First Stage)
- ♦ TOEFL ITP Test: 500
- ♦ TOEIC Speaking Test: 130 or TOEIC Writing Test: 130
- ♦ BESTEP (BEST Test of English Proficiency) Listening and Reading: B1+
- ♦ BESTEP (BEST Test of English Proficiency) Speaking and Writing: B1+

- ii. Complete the **English Learning Portfolio** by accumulating 100 points.

4. **International Learning & Interdisciplinary Learning (choose either one to complete)**

(1) **International Learning (complete one of the following):**

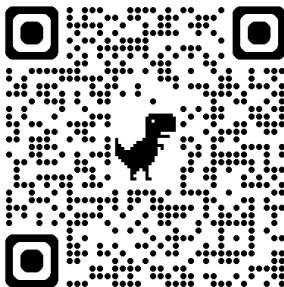
- i. Participation in an overseas exchange program or study program for at least one semester.
- ii. Completion of at least 2 credits of overseas study courses approved by the Department.
- iii. Participation in an overseas study program with a minimum of 36 learning hours.

(2) **Interdisciplinary Learning (completion of one of the following programs at NSYSU or another accredited institution):**

- i. **Minor Program**
- ii. **Double Major Program**
- iii. **Teacher Education Program**
- iv. **Micro Program** offered by NSYSU (the curriculum or faculty participation must involve intercollege collaboration)
- v. **Integrated Program**
- vi. **Interdisciplinary Professional Program**

F. Required Courses List & Curricula Roadmap

<https://bmst.nsysu.edu.tw/p/405-1351-376914,c25135.php?Lang=en>



G. Course Selection & Guideline

- Course Selection System

<https://selcrs.nsysu.edu.tw/?eng=1>



(You will need your student ID number to enter the system and select the courses.)

- Course Selection Guidelines

https://oaa.nsysu.edu.tw/var/file/3/1003/img/1296/selection_rule.pdf



H. Campus Transportation

- NSYSU Transportation Services

<https://safety-oga.nsysu.edu.tw/p/406-1296-242906,r11.php?Lang=en>



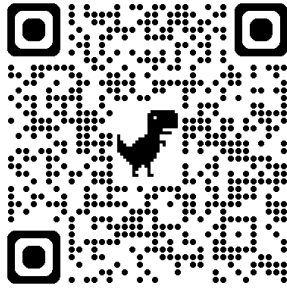
- Campus Bus Schedule

<https://safety-oga.nsysu.edu.tw/p/412-1296-18044.php?Lang=en>



I. Parking Permit Application (optional to apply)

- Application Form: <https://safety-oga.nsysu.edu.tw/p/406-1296-222773,r4470.php?Lang=en>
Permit Fee: Motorcycles NTD 300/per semester; Cars NTD 600/per semester

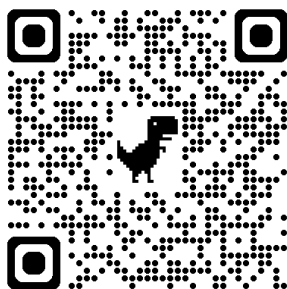


J. Introduction Videos of NSYSU

- An introduction to National Sun Yat-sen University (filmed by NSYSU)
<https://www.youtube.com/watch?v=ou5ZE-4NOI0>



- Life on Campus: Getting Around, Dining, and Living at NSYSU (filmed by OIA, NSYSU)
<https://www.youtube.com/watch?v=IWaeuUTAwjI>



Appendix 1—2026 Academic Year Calendar

https://oaa.nsysu.edu.tw/static/file/3/1003/attach/17/pta_244268_9826156_67435.pdf

