



Center for International Academic
Exchanges, College of Life Science
NATIONAL TAIWAN UNIVERSITY

GUIDE TO EXCHANGE PROGRAM

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ACADEMIC UNITS IN COLLEGE OF LIFE SCIENCE



Department of Life Science
(BS, MS, PhD)



Department of Biochemical
Science & Technology
(BS, MS, PhD)



Institute of Plant Biology
(MS, PhD)



Institute of Molecular &
Cellular Biology (MS, PhD)



Institute of Ecology &
Evolutionary Biology (MS, PhD)



Institute of Fisheries Science
(MS, PhD)



國立臺灣大學生命科學院
生化科學研究所
Institute of Biochemical Sciences, NTU

Institute of Biochemical
Sciences (MS, PhD)



國立臺灣大學
基因體與系統生物學學位學程
Genome and Systems Biology Degree Program

Genome & Systems Biology
Degree Program (MS, PhD)

NOTE:

College of Life Science, National Taiwan University accepts exchange students from our partner university based on the student exchange agreement. If the contents of the agreement differ from this guide, the agreement shall always take precedence over this guide.

APPLICATION & ACCOMODATION

01. APPLICATION PERIOD

Fall Semester Entry: End of March

SEP-DEC

Spring Semester Entry: End of Sep.

FEB-JUN

02. NOTIFICATION OF APPLICATION RESULTS

Fall Semester Entry: By April

Spring Semester Entry: By Nov.

03. ELIGIBILITY

(1) be enrolled, until completion of the exchange program at a non-Taiwanese academic institution with which College of Life Science, National Taiwan University has a student exchange agreement.

(2) return to their own country on the completion of the exchange program.

(3) have an excellent academic record.

(4) have a concrete purpose for studying in Taiwan.

04. ACCOMMODATION & STUDENT VOLUNTEER

During the application period of NTU exchange student program, students can apply for housing service.

However, accommodation is **not** guaranteed due to the limited number of dormitory rooms.



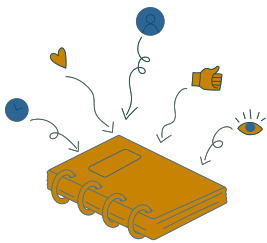
[Exchange Student Dormitory.](#)

- Prince House Dormitory
- Yuantong Student Dormitory

[Student Volunteer](#)



OUTLINE OF EXCHANGE PROGRAM AT COLLEGE OF LIFE SCIENCE, NATIONAL TAIWAN UNIVERSITY



ACADEMIC CALENDAR

1st Semester (Fall): start of Sep to mid-Dec
2nd Semester (Spring): Mid-Feb to end of June
An academic year at NTU starts in August and ends in July.



Note: The exact beginning date of the semester will vary slightly each year.



LANGUAGE PROFICIENCY

Most of the courses offered at National Taiwan University are given in Mandarin Chinese. But in College of Life Science, we also offer a diverse of English-mediated bio-related courses.

Though we do not set minimum language requirements for exchange students, they are expected to have certain fluency in English (**TOEFL iBT 79, or equivalent IELTS score, or higher is desirable**).

Also, it is preferable to acquire basic knowledge of Chinese to make life in Taiwan smoother and easier.



FEES

Based on the student exchange agreement, exchange students will be exempted from all academic fees (examination fee, matriculation fee, and tuition fee) at NTU.

However, the service fee for Information Networking Infrastructure (TWD 400~600) is required during your registration procedure at NTU.

OUTLINE OF EXCHANGE PROGRAM AT COLLEGE OF LIFE SCIENCE, NATIONAL TAIWAN UNIVERSITY



PROOF OF INSURANCE

Students must purchase insurance before traveling to Taiwan, and they must provide proof of insurance (Chinese or English) valid for the entire exchange period for:

- Accident insurance worth a minimum of TWD 1,000,000 (approx. USD 34,000)
- Medical insurance worth a minimum of TWD 1,000,000 (approx. USD 34,000)

* A valid Taiwanese NHI card (National Health Insurance card) can also be considered as an equivalent insurance coverage.



ENTERING TAIWAN (VISA)

Students are responsible for applying for the proper Visa **BEFORE** enter Taiwan. Contact the Taiwan diplomatic mission nearby for latest information and advisement.

Visitor Visa: exchanging for **1 semester**.

Resident Visa: exchanging for **1 academic year**.

Entry Permit:

- Mainland China (PRC) passport holders, must apply through the assistance of NTU.
- Hong Kong or Macau passport holders, self-apply through National Immigration Agency.

Estimated Living Expenses

	NTD* /SEMESTER (4 months)
Accommodation	48,000 (off-campus) 30,600-46,800(on-campus)
Textbooks / Stationery	6,500
Campus Internet Access Fee	600
Food	35,000
Public Transportation	5,000
Entertainment / Miscellaneous	15,000
Total Estimated Costs	NTD 110,100 (off-campus) NTD 108,900 (on campus)

Nov 2024
NTD=0.031USD=0.029EUR,

We suggest that you bring a sufficient amount of money with you to pay for your airport transportation, dormitory deposit (two months of rent), accommodation fee, campus Internet access fee and other necessities such as bedding and food.

OUTLINE OF EXCHANGE PROGRAM AT COLLEGE OF LIFE SCIENCE, NATIONAL TAIWAN UNIVERSITY

COURSE SELECTION GUIDELINE



- (1) The course lists are available only from the beginning of August/ January
- (2) 3 periods of courses selection process:
 - 1st: around three weeks before the beginning of the semester
 - 2nd: around two weeks before the beginning of the semester
 - Add and Drop Period: first two weeks after the beginning of the semester
- (3) Credits Requirement
 - Degree Students
 - undergraduate: 15-25 credits
 - graduate: 1 class- 20 credits
 - Exchange Students
 - undergraduate: 4-25 credits
 - graduate: 1 class- 20 credits
- (4) Students should also meet the requirements of their home universities.

COURSES & LAB INFORMANTION



- (1) English Taught Courses
- (2) Course Information

- (3) The introduction of CLS faculties and research field



OUTLINE OF EXCHANGE PROGRAM AT COLLEGE OF LIFE SCIENCE, NATIONAL TAIWAN UNIVERSITY

Last Updated 2024.11.13

CHINESE LANGUAGE STUDY



NTU offers enrolled International Students (Degree and Non-Degree Students) in Chinese Courses with credits. Please refer to OIA's website on left-hand side.

(1) General and Enhancing Chinese Course

General Chinese is for international students who wish to learn or improve their Chinese language skills. Classes are available at different levels, ranging from absolute beginners to fluent conversationalists. For those looking for a more intense schedule, Enhancing Chinese offers additional hours of Chinese classes each week.

(2) Applied Chinese Course

Applied Chinese consists of topic-based courses that can be taken for credits. Topics include day-to-day use, business, classics, idioms, poetry, and even Taiwanese language. Through these practical yet interesting subjects, students get to further experience local culture.

HEALTH EXAMINATION

Health Exam Form
& Form C



Students should complete health exam by qualified doctor in home country before traveling to Taiwan. NTU Health Exam Form and Form C in hard copy have to be printed out and submitted to NTU to complete the registration procedures.

Important:

NTU Health Exam Form and Form C must be completed within 3 months before the registration date.

If you have difficulty doing the health exam in your home country, you may choose to do the health exam at NTU Hospital after arriving in Taiwan. Moreover, it takes around 5 to 7 work days to receive the health exam report.

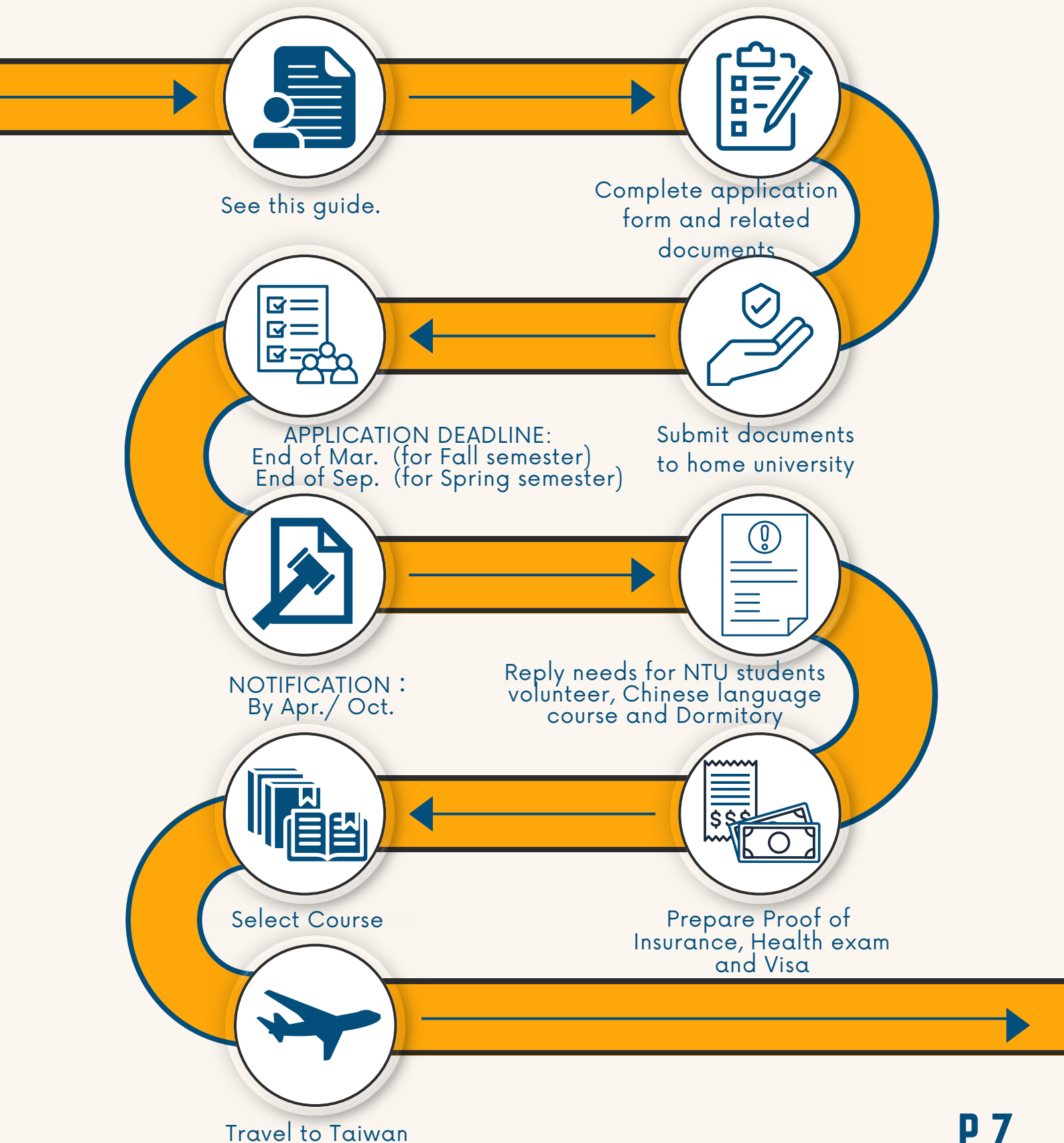
DOCUMENTS TO SUBMIT

1. **Application Form** (including Prospective Host Labs, Letter of Motivation/Self-advertisement, Study Plan)
2. **Certificate of Enrollment**
3. **Original Academic Transcript**
4. **Passport Scan (information page)**
5. **Two letters of reference from the faculty of home university**
6. **Language Proficiency Certificate**
7. **Head photo in JPG format**



NOTE : Application should be submitted to National Taiwan University through the international office of applicant's home universities. Direct application from students will not be accepted.

FLOWCHART OF APPLICATION PROCEDURES FOR PROGRAM



INCOMING STUDENT SHARING

THANATCHA SIPPAMAKOSOL

From Mahidol University International College
2024 Spring Semester

One of the most significant parts of my exchange year was the vast opportunities for learning and development. The Chinese course was well-designed, covering a range of topics, and helped me greatly improve my Chinese language skills. Everyday interactions with native speakers, both in and outside of the university, helped me improve my language skills.



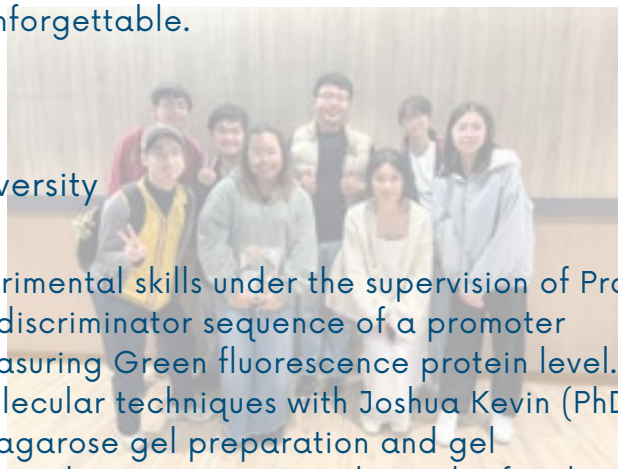
There was also my ecology class, which was both educational and engaging to the field trips. Our professor, who was passionate about environmental science, took us on memorable trips to Keelung. These trips allowed us to see Taiwan's diverse ecosystems and efforts to preserve them firsthand. It was inspiring and provided a deeper understanding than what could be learned through textbooks alone.

Looking back on my exchange year, the friendliness of the people, the stunning natural beauty, and the excellent educational experiences all made a lasting impact on me. My time in Taiwan not only improved my academic skills but also broadened my understanding of different cultures, making my exchange year truly unforgettable.

JUTAMAS MANIT

From Faculty of Science, Prince of Songkla University
2023 Fall Semester

During the exchange program here, I learned experimental skills under the supervision of Prof. David Chou. My work here was on the topic of the discriminator sequence of a promoter region that might influence gene expression by measuring Green fluorescence protein level. During almost six months here, I learned several molecular techniques with Joshua Kevin (PhD student in R1128 lab) including plasmid extraction, agarose gel preparation and gel-electrophoresis, inverse PCR, electroporation, etc. For the instrument, I might not be familiar with some machines, so I learned how to use the instrument too. For example, the electroporation machine, thermocycler, bead beating, and qPCR. In addition, we shared a lot of experiences that I used to do in my home university and practiced some skills that I could apply for my future work in Thailand.



In the R1128 lab, there are meetings and journal club every week to discuss the experiment and gain more knowledge together. Therefore, I could improve my academic experience in the topic of transcription and translation process of bacteria which I never studied before. The last, all staff from CLS helped me a lot during my stay in Taiwan. They gave me the appropriate information since I applied for my Visa to the end of my stay. I never feel a struggle during my stay because of the help of the staff and all the lab members. I want to express my appreciation to the professor, lab members, all PSU and NTU staff, and student volunteers for helping me gain more academic experience in the best university in Taiwan.

INCOMING STUDENT SHARING

YALI HENDRIX

From Wageningen University & Research
2024 Fall Semester

A year ago, I traveled to Taiwan for the first time. Prior to this, I had a strong interest in Taiwan, particularly from a geopolitical perspective. I had kept myself busy by educating myself and others on Taiwanese diplomacy. However, it wasn't until I started studying here that I truly fell in love with the country and its culture.



During my semester here, I was encouraged to deepen my knowledge of Taiwanese agriculture by taking the accessible and insightful course, Introduction to Taiwanese Agriculture. Besides, I am very happy I got the opportunity to study Mandarin and even got to take some classes in Mandarin. One of the highlights was enrolling in the Soil Science and Climate Change Mitigation and Adaptation, allowing me to gain a more localized perspective on Taiwan's environmental challenges.

Beyond the classroom, my learning extended through experiences only gained here in Taiwan. I watched a documentary on Taiwan's soils, attended a panel discussion about Taiwan's geopolitics after the U.S. election of Donald Trump, and visited several farms along the east coast. These experiences brought academic topics to life and broadened my understanding of Taiwan's current culture and environment.

CERES BROUWER

From Wageningen University & Research
2025 Fall Semester

My semester in Taiwan was academically enriching, culturally insightful, and personally rewarding. The combination of high-quality teaching, supportive staff, and exposure to Taiwanese perspectives made this exchange a very valuable part of my studies.



During my time at NTU, I followed a diverse set of courses that complemented my academic background while also allowing me to explore new disciplines. These included Global Brand Management, Decarbonization Strategies, Climate Change: Issues and Solutions, Seminar on Politics of Modern Central Banking, Agri-industry Policy, Tennis-Intermediate, Deciduous Fruit I, and Edible Insects. The breadth of these courses allowed me to engage with topics ranging from sustainability transitions and climate policy to agricultural production systems and economic governance. I like that I could freely choose across disciplines at NTU. This unique combination of courses is also the reason I got accepted into an internship in diplomacy for the Dutch government.

One of the most valuable aspects of studying at NTU was the opportunity to explore these topics through a Taiwanese and East Asian perspective. Issues such as climate change mitigation, decarbonization, agri-industry development, and branding were often discussed in relation to Taiwan's specific economic structure, political context, and societal values. This comparative perspective was particularly interesting, as it highlighted both similarities and differences with European approaches and deepened my understanding of how global challenges are addressed in different regional contexts.

INCOMING STUDENT SHARING

JAN GEHRKE

Department of Biology, Ulm University
2025 Spring Semester

During my exchange at NTU, I focused on two fields: first, the Chinese Language course, where I learned the fundamentals of the language and built an understanding of its unique style. Secondly, I spent my time at Juan's Systems Biology Laboratory, exploring single-cell RNA sequencing.



I was introduced to the various fields of research in scRNA-seq, as well as the coding languages R (Seurat for scRNA-seq) and Python (Scanpy for scRNA-seq). As Python offers a better foundation for future projects, I concentrated on learning it—starting with fundamentals like variables, data structures, loops, and functions, eventually progressing to packages like Pandas, Matplotlib, and Seaborn, which are commonly used for data manipulation and visualization in biological data analysis. I also completed a coding course, "Code with Mosh" to strengthen my Python skills.

Beyond the lab, I was fortunate to attend the 2025 International Conference on Quantum and AI Technologies in Biomedical Science (organized by our lab), and a poster presentation day at NTU. This experience broadened my perspective on biomedical research and introduced me to emerging ideas.

ERIYA ITO

From Faculty of Agriculture, Kyoto University
2025 Spring Semester

This semester, I successfully navigated six courses focused on understanding Taiwan or tailored for international students, alongside five foundational courses within my major field. Delving into specific courses, "Fundamental of Biochemical Science and Technology" proved to be a cornerstone of my academic development. This course offered me critical insights into the broad and dynamic fields within life science, exposing me to cutting-edge research and the latest advancements. Crucially, it also provided an exceptional platform to significantly enhance my academic English skills. I gained practical experience in structuring and delivering presentations, engaging in sophisticated academic discussions, and crafting well-researched academic essays specific to this scientific domain.



Complementing my academic pursuits, the language courses—"General Chinese" and "Basic Taiwanese"—were equally impactful. They not only fortified my essential language skills but also served as invaluable windows into Taiwan's rich and diverse cultures and customs. I'm particularly proud to note that my Chinese language ability, especially my listening comprehension, improved dramatically during my stay, allowing for deeper engagement with local life.

PARTNER SCHOOL



- **JAPAN**

School & Graduate
School of Science
Osaka University

Faculty & Graduate
School of
Agriculture
Kyoto University

Graduate School of
Biostudies
Kyoto University

School & Graduate
School of Science,
and Graduate
School of Systems
Life Sciences
Kyushu University

Life and Earth
Sciences, Graduate
school of Science
and Technology
University of Tsukuba
(MS Double Degree)

**National Institute
of Genetics**
(Summer Internship)

- **KOREA**

College of Science
**Sungkyunkwan
University**

- **THAILAND**

International College
Mahidol University

Faculty of Science
**Prince of Songkla
University, Hat Yai**

Faculty of Medical
Technology
**Prince of Songkla
University, Hat Yai**

Faculty of Innovative
Agriculture, Fisheries
and Food
**Prince of Songkla
University, Surat
Thani**

- **GERMANY**

Department of
Biology
Ulm University

- **NETHERLANDS**

**Wageningen
University**



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