



Faculty of Science Announcement
Application for the First Round of Direct Admission, Portfolio
Bachelor of Science Program (International Program)
Faculty of Science, Mahidol University
Academic Year 2025

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Faculty of Science, Mahidol University has been accepting applications for the first round of direct admission, Portfolio to the Bachelor of Science Program (International Program) in the academic year 2025 as detailed below:

1. Programs for Admission Application

The five programs that are open for admission are:

- 1.1 Bachelor of Science Program in Bioinnovation (International Program) (SCIN)
- 1.2 Bachelor of Science Program in Biomedical Science (International Program) (SCBM)
- 1.3 Bachelor of Science Program in Bioresources and Environmental Biology (International Program) (SCBE)
- 1.4 Bachelor of Science Program in Chemical Innovation and Technology (International Program) (SCCT)
- 1.5 Bachelor of Science Program in Materials Science and Nano Engineering (International Program) (SCME)

2. Number of Offers

Program	No. offers
2.1 Bachelor of Science Program in Bioinnovation (International Program)	30
2.2 Bachelor of Science Program in Biomedical Science (International Program)	20
2.3 Bachelor of Science Program in Bioresources and Environmental Biology (International Program)	30
2.4 Bachelor of Science Program in Chemical Innovation and Technology (International Program)	20
2.5 Bachelor of Science Program in Materials Science and Nano Engineering (International Program)	20

3. Applicants...

3. Applicants' Qualifications

3.1 Studying in the final term of a Mathayom Suksa 6 in mathematics and science program of the Thai Basic Education Core Curriculum, or studying in the final year of a foreign high school education in science and mathematics program or equivalent programs under following conditions:

3.1.1 Applicants with the American education qualification (Grade 12)

3.1.2 Applicants with British education qualifications (IGCSE or GCSE or GCE) must have IGCSE or GCSE or GCE "O" level at least 5 different subjects and "AS"/or "A" levels at least 3 different subjects, 8 subjects in total with minimum grade of C. Applicants also have to submit an official high school transcript of grade 10 or its equivalence with at least 2 terms.

3.1.3 Applicants with International Baccalaureate qualifications (IB)

3.1.3.1 IB Diploma

Six subjects with a combination of standard and high levels (SL and HL) and complete the core courses, including extended essay (EE), theory of knowledge (TOK), and creativity, action and service (CAS), and obtained IB Diploma with at least 24 points

3.1.3.2 IB Diploma Course Results (IBCR)

Passed at least five subjects at standard and high levels (SL and HL) with grade 4 or high

3.1.4 Applicants with New Zealand education qualifications (NCEA)

Obtained NCEA level 2 at least 80 credits (at least 60 credits at level 2 or higher, the remaining 20 credits can be from level 1, 2 and 3)

3.1.5 Applicants with other foreign education qualifications should consult the Admission Office, Faculty of Science, Mahidol University before applying to the programs

3.2 Have a minimum cumulative GPA of at least 3.00 or equivalent scores for the Biomedical Science applicants, and 2.70 or equivalent scores for the Bioresources and Environmental Biology, Materials Science and Nano Engineering, Bioinnovation, and 2.75 or equivalent scores for the Chemical Innovation and Technology applicants

3.3 Have...

3.3 Have not confirmed enrollment in any rounds of TCAS 68 system or not confirmed enrollment to any universities repeatedly.

3.4 Have no physical impairment and mental health problems

Remark: Applicants who do not meet the admission requirements/ qualifications listed above may be considered for interview on a case-by-case basis by the Admission Committee of the Faculty of Science, Mahidol University

4. Required Documents for Application

Required documents	SCBM	SCBE	SCME	SCIN	SCCT
4.1 A recent digital photograph taken within the last 6 months. Digital file size of the photograph should not exceed 2 MB in JPG, or JPEG, or JPE formats	✓	✓	✓	✓	✓
4.2 A scanned identification card (for Thai applicants) or passport (for non - Thai applicants)	✓	✓	✓	✓	✓
4.3 A scanned house registration (for Thai applicants only)	✓	✓	✓	✓	✓
4.4 A scanned official academic transcript or equivalent score report (if studying, the latest high school transcript is required)	✓	✓	✓	✓	✓
4.5 An enrollment certification letter of current student status (if studying)	✓	✓	✓	✓	✓
4.6 A letter of intent, which is on one side of A4 equating to approximately 400 words	✓	-	-	-	✓
4.7 A digital portfolio of academic achievements and extracurricular activities with A4 document size and no more than 10 pages or 10 MB file size in PDF format	✓	✓	✓	✓	✓
4.8 English Language Proficiency Test	Required for foreign applicants*	Optional	Optional	Optional	Optional

Note: All copies of documents must be certified as true and correct copies of the original document.

* If English is not applicants' first language, the applicants are required to provide a standard English Proficiency Test score.

If an applicant is later found to have not met any requirements aforementioned or have provided false or intentionally misleading information, she/he will be disqualified and expelled from university regardless whether she/he has been successfully admitted to Faculty of Science, Mahidol University, and a legal action may be taken by Mahidol University. The application and tuition fees paid will not be refunded for any reason.

5. Admission Schedule and Preparatory Course

5.1 Admission schedule

Activity	First round of direct admission, Portfolio
1. Online application	Wednesday, 16 October 2024 – Wednesday, 8 January 2025
2. Announcement of students eligible for interview	Wednesday, 15 January 2025
3. Interview (in English)	Saturday, 18 January 2025
4. Announcement of final list of admitted students	Thursday, 23 January 2025
5. Enrollment confirmation and declination in faculty system	Thursday, 23 – Friday, 24 January 2025 https://mutcas.mahidol.ac.th/admission/module/DirectAdmission/Default.aspx
6. Enrollment confirmation in the TCAS system	Wednesday, 5 – Thursday, 6 February 2025 https://www.mytcas.com/
7. Enrollment declination in the TCAS system	Friday, 7 February 2025 https://www.mytcas.com/

5.2 Preparatory course schedule

Activity	Date
1. Application period	May 2025 onwards
2. Preparatory class period	June to August 2025

Note: The Preparatory course is an optional course for admitted students who are interested in improving their hard and soft skills, and English language skills before beginning university classes. Read more information at <https://sim.sc.mahidol.ac.th/preparatory-course-program/>

6. Application Fee and Preparatory Course Cost

6.1 Application fee: 1,000 THB

6.2 Preparatory course: 12,000 THB

7. Application Procedure

Applicants can apply online at

<https://sim.sc.mahidol.ac.th/prospective-students/online-application/>

8. Interview...

8. Interview and Scoring

An admission interview will be conducted in English. In order to be admitted in the program, the candidates must pass an interview assessing their suitability for the program. Total scores obtained should be > 25, with not less than half of each topic. The decision made by the committee is final with no disputes. The criteria for selection and scoring to the program is as shown below:

Criteria	Scores
1. Personal and educational background	12
2. Strong interest of studying in the program	8
3. English proficiency for communication and academic purposes	8
4. Appropriate attitude, manners, personal characters and self-confident that are suitable for studying in the program	12
Total	40

9. English Proficiency Test for Graduation Requirement

In order to earn a Bachelor of Science Program and graduate at the International B.Sc. Program, Faculty of Science, Mahidol University, all final year students must pass the English Proficiency Test, i.e., TOEFL or IELTS or equivalent English Proficiency Tests, which are certified by Mahidol University according to the Mahidol University Regulations on Diploma and Undergraduate Studies and its revision, and the Mahidol University Announcement on English Competence Standards for Undergraduate Students of Mahidol University, B.E. 2566 (2023) and its revision, and the third revision of the curriculum and program of Bachelor of Science Program (International Program) in Biomedical Science, Bioresources and Environmental Biology, and Materials Science and Nano Engineering, B.E. 2567 (2024), the second revision of the curriculum and program of Bioinnovation program, B.E. 2565 (2022), and the curriculum and program of Bachelor of Science Program (International Program) in Chemical Innovation and Technology, B.E. 2567 (2024).

Program	English Proficiency Test scores required for graduation
1. Biomedical Science	TOEFL iBT \geq 78, or IELTS \geq 6.0, or MU GRAD Test Plus \geq 90, or MU-ELTS \geq 106, or equivalent English Proficiency Test certified by Mahidol University.

2. Bioresources...

2. Bioresources and Environmental Biology	TOEFL iBT ≥ 78 , or IELTS ≥ 6.0 , or MU GRAD Test Plus ≥ 90 , or MU-ELTS ≥ 106 , or equivalent English Proficiency Test certified by Mahidol University.
3. Materials Science and Nano Engineering	TOEFL iBT ≥ 64 , or IELTS ≥ 5.0 , or MU-ELT ≥ 84 , or MU GRAD test ≥ 70 , or equivalent English Proficiency Test certified by Mahidol University
4. Bioinnovation	TOEFL iBT ≥ 72 , or IELTS ≥ 5.5 or MU-Grad Test ≥ 90 , or equivalent English Proficiency Test certified by Mahidol University
5. Chemical Innovation and Technology	TOEFL iBT ≥ 64 , or IELTS ≥ 5.0 , or MU-ELT ≥ 84 , or MU GRAD test ≥ 70 , or equivalent English Proficiency Test certified by Mahidol University

10. Contact Information

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11. In case of any problem in compliance with this announcement, the President of Mahidol University shall be authorized and empowered to make a judgement and give the order that shall be regarded as final.

Announced on 16 October 2024

Prasit S.

(Assoc. Prof. Prasit Suwannalert, Ph.D.)

Dean of Faculty of Science

Mahidol University