



Additional Qualifications and Admission Criteria for

Round 1: Portfolio (TCAS 1/1 & TCAS 1/2)

MU-TCAS Application Portal

Faculty of Science, Mahidol University

Academic Year 2027

1. Programs offered for admission:

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

2. Application period & portal:

Applicants are required to complete the online application through the official portal.

TCAS 1/1 (17 August – 10 September 2026)	https://mutcas.mahidol.ac.th/admission/module/mutcas/index.aspx
TCAS 1/2 (15 December 2026 – 15 January 2027)	

3. Tuition and university fees for the entire 4-year duration of study:

3.1 Thai students	SCBM	640,000 THB (Flat rate: 80,000 THB/ semester)
	SCBE, SCME, SCIN, SCCT	600,000 THB (Flat rate: 75,000 THB/ semester)
3.2 Non-Thai students	SCBM, SCBE, SCME, SCIN, SCCT	960,000 THB (Flat rate: 120,000 THB/ semester, excluding health insurance fees)

Each academic year consists of two semesters

4. Number of offers

Admission round	SCBM	SCBE	SCME	SCIN	SCCT
TCAS 1/1	25	30	20	30	30
TCAS 1/2	25	30	20	30	30

5. Applicants' qualifications for admission

5.1 General qualifications

Applicants must fulfill the requirements and qualifications specified in the Mahidol University Announcement entitled "Admission Application for Portfolio, the First Round of TCAS (TCAS 1), Bachelor's Degree Program, Mahidol University, Academic Year 2027".



5.2 Specific qualifications

5.2.1 Educational qualifications

Graduated from or currently studying in Mathayom Suksa 6 (M. 6) in the Science and Mathematics program under the Thai Basic Education Core Curriculum, or graduated from or currently studying in the final year of a foreign high school science and mathematics program at one of the following:

- a) Bilingual or English Schools under the Thai Basic Education Core Curriculum
- b) International schools accredited by the Ministry of Education, Thailand
- c) Overseas or foreign high schools accredited by the Ministry of Education, Thailand
- d) Equivalent high school programs accredited by the Ministry of Education, Thailand

5.2.2 Education program

1) A Mathayom Suksa 6 certificate in the science and mathematics program under the Thai Basic Education Core Curriculum

2) A foreign high school education in any program accredited by the Ministry of Education, Thailand under the following conditions:

(a) Applicants with the American education qualification (Grade 12), or (b) 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 must submit an official high school transcript of grade 10 or its equivalence with at least 2 terms, or

(c) Applicants with International Baccalaureate qualifications (IB)

- 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, or

- IB Diploma Course Results (IBCR)

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



(d) Applicants with New Zealand education qualifications (NCEA)

- Graduates from academic year 2024 onward

Obtained at least 80 credits at NCEA Level 2 with a minimum of 60 credits at Level 2 or higher. The remaining 20 credits may be from the Literacy and Numeracy co-requisite

- Graduates from academic year 2010 – 2023

- Obtained at least 80 credits at NCEA Level 2 with a minimum of 60 credits at Level 2 or higher. The remaining 20 credits may be from the Level 1 or higher

- English for Speakers of Other language (ESOL) may be counted as an additional subject.

- Provide an NCEA Level 2 certificate, Record of Achievement, and official NZQA certification

- Graduates from academic year 2009 onward

- Obtained at least 60 credits at NCEA Level 2 or higher in at least 5 different subjects. They include English (Literacy) at least 4 credits at Level 2 or higher, and Mathematics (Numeracy) at least 4 credits at Level 2 or higher

- Provide a Record of Achievement and official NZQA certification

Remark: Applicants with other foreign education qualifications are advised to consult the International Program Admission Office, Faculty of Science, Mahidol University before applying.

5.2.3 Cumulative GPA

(1) Overall cumulative GPA (GPAX)

TCAS 1/1

	SCBM	SCBE	SCME	SCIN	SCCT
• If graduated	≥3.00	≥2.75	≥2.70	≥2.70	≥2.70
• If studying	≥3.00	≥2.75	≥2.70	≥2.70	≥2.70

TCAS 1/2

	SCBM	SCBE	SCME	SCIN	SCCT
• If graduated	≥3.00	≥2.50	≥2.70	≥2.70	≥2.70
• If studying	≥3.00	≥2.50	≥2.70	≥2.70	≥2.70

Please note that if your academic record is not on a 4.0 GPA scale, you are advised to request a GPAX equivalence certificate at <https://hscs.atc.chula.ac.th/>



(2) Cumulative GPA of learning areas

	SCBM	SCBE	SCME	SCIN	SCCT
• If graduated	No minimum scores are required for any subjects in the learning areas				
• If studying					

5.2.4. Specified Learning Area Credits

• Mathematics	Not required
• Science	Not required
• English	Not required

5.2.5 Additional qualifications

If applicants have any of the following additional qualifications, they will receive special consideration.

(1) Achieve the required scores on a standard English proficiency test, such as TOEFL (iBT), MU-Grad Test, MU-Grad Test Plus, or MU-ELT, as specified by the Program and Mahidol University. Read more information at <https://sim.sc.mahidol.ac.th/international-students/>

5.3 Health

Have no physical impairment and mental health problems

5.4 Others

Demonstrate appropriate attitude, manners, personal character and self-confidence suitable for studying in the program.

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

6. Minimum Score Requirements and Selection Criteria for Admission

To be admitted, candidates must pass an interview assessing their suitability for the program. A total score of at least 50 is required, with no less than half of the score in each section. The decision of the Admission Committee is final. The criteria and % weightings for freshman selection are outlined below.

Admission criteria	Weight (%)				
	SCBM	SCBE	SCME	SCIN	SCCT
1. GPAX	-	10	10	10	10
2. GPA	10	5	5	-	5
2.1 Science Learning Area	✓	✓	✓		✓
- Biology					
- Chemistry					
- Physics					



2.2 Mathematics Learning Area	✓	✓	✓		✓
- Mathematics					
2.3 Foreign Language Learning Area	✓	✓	✓		✓
- English					
3. Portfolio	10	25	25	10	10
3. Letter of intent	-			10	5
4. English Proficiency test	5				
4. Interview in English	75	60	60	70	70

7. Required Documents for Application

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

Required documents	SCBM	SCBE	SCME	SCIN	SCCT
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	✓	✓	✓	✓	✓
2. A scanned identification card (for Thai applicants) or passport (for non - Thai applicants)	✓	✓	✓	✓	✓
3. A scanned house registration (for Thai applicants only)	✓	✓	✓	✓	✓
4. A scanned official academic transcript or equivalent score report (the latest high school transcript* required if currently studying)	✓	✓	✓	✓	✓
5. A student certification (if currently studying)	✓	✓	✓	✓	✓
6. A letter of intent in English, one A4 page, 12-point Time New Roman font.	✓			✓	✓
7. A digital portfolio of academic achievement and extracurricular activities in English, with A4 document size and no more than 10 pages or 10 MB file size in pdf format. Note: Applicants are required to prepare their Portfolio using the TCASFolio system provided by the Thai Council of University Presidents (CUPT), and upload the PDF file generated by the system through the MU-TCAS application portal.	✓	✓	✓	✓	✓



8. English Language Proficiency Test (e.g. IELTS Academic, TOEFL, MU-ELT, MU Grad Test Plus, TOEIC)	✓**	Opt.	Opt.	Opt.	Opt.
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Opt.: Optional; *If academic transcript or equivalent score report is not in English must be accompanied by a certified English translation; **Thai applicants, and international applicants whose first language is not English must submit a valid English proficiency test score as required by the program. The test result must be no more than 2 years old on the application date. Details are available at <https://sim.sc.mahidol.ac.th/international-students/>

If an applicant is later found to have failed to meet any of the above requirements, or to have provided false or intentionally misleading information, the applicant shall be disqualified and dismissed from the university regardless whether they have been successfully admitted to Faculty of Science, Mahidol University. Mahidol University reserves the right to take legal action as appropriate. All application and tuition fees paid are non-refundable under any circumstances.

8. Interview Information

8.1 The admission interview will be conducted in English.

8.2 Applicants must attend an interview as instructed by the Faculty of Science Admission Committee. Failure to do so will result in rejection.

8.3 There is no fee for the admission interview or qualification examination.

8.4 Interview schedule and activities

Admission round	Date/ Time & Location
TCAS 1/1	Saturday, 31 October 2026/ 09.00-12.00h. Faculty of Science, Mahidol University (Salaya campus)
TCAS 1/2	Saturday, 13 February 2026/ 09.00-12.00h. Faculty of Science, Mahidol University (Salaya campus)
More information:	https://sim.sc.mahidol.ac.th/admission-timeline/ https://sim.sc.mahidol.ac.th/online-application/ https://tcas.mahidol.ac.th

9. Contact information:

Mahidol University TCAS	https://tcas.mahidol.ac.th
International B.Sc. Program Faculty of Science, Mahidol University	https://sim.sc.mahidol.ac.th/admission-timeline/ https://sim.sc.mahidol.ac.th/online-application/ Phone: 02 4419820 ext. 1199, 082 8508108 E-mail: scsim@mahidol.ac.th