



Faculty of Science Announcement  
Application for the Second Round of Direct Admission (Quota)  
Bachelor of Science Program (International Program)  
Faculty of Science, Mahidol University  
Academic Year 2027

Faculty of Science, Mahidol University has been accepting applications for the second round of direct admission (quota) to the Bachelor of Science Program (International Program) for the academic year 2027 as detailed below:

### 1. Programs for Admission Application

The seven programs that are open for admission are:

- 1.1 Bachelor of Science Program in Actuarial Science (International Program) (SCAS)
- 1.2 Bachelor of Science Program in Bioinnovation (International Program) (SCIN)
- 1.3 Bachelor of Science Program in Biomedical Science (International Program) (SCBM)
- 1.4 Bachelor of Science Program in Bioresources and Environmental Biology  
(International Program) (SCBE)
- 1.5 Bachelor of Science Program in Chemical Innovation and Technology  
(International Program) (SCCT)
- 1.6 Bachelor of Science Program in Industrial Mathematics and Data Science  
(International Program) (SCIM)
- 1.7 Bachelor of Science Program in Materials Science and Nano Engineering  
(International Program) (SCME)

### 2. Number of Admission Offers

| Program                                                                                                     | No. offers |
|-------------------------------------------------------------------------------------------------------------|------------|
| 2.1 Bachelor of Science Program in Actuarial Science<br>(International Program) (SCAS)                      | 20         |
| 2.2 Bachelor of Science Program in Bioinnovation<br>(International Program) (SCIN)                          | 30         |
| 2.3 Bachelor of Science Program in Biomedical Science<br>(International Program) (SCBM)                     | 20         |
| 2.4 Bachelor of Science Program in Bioresources and<br>Environmental Biology (International Program) (SCBE) | 30         |

|                                                                                                           |    |
|-----------------------------------------------------------------------------------------------------------|----|
| 2.5 Bachelor of Science Program in Chemical Innovation and Technology (International Program) (SCCT)      | 30 |
| 2.6 Bachelor of Science Program in Industrial Mathematics and Data Science (International Program) (SCIM) | 20 |
| 2.7 Bachelor of Science Program in Materials Science and Nano Engineering (International Program) (SCME)  | 20 |

### 3. Applicants' Qualifications

#### 3.1 SCBM, SCBE, SCME, SCIN, SCCT Programs

3.1.1 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) MUSC Network Schools

<https://sim.sc.mahidol.ac.th/collaborations/school-network/>

b) Bilingual or English Schools under the Thai Basic Education Core Curriculum

c) International schools accredited by the Ministry of Education, Thailand

d) Overseas or foreign high schools accredited by the Ministry of Education, Thailand

e) Equivalent high school programs accredited by the Ministry of Education, Thailand

under the following conditions:

3.1.1.1 Applicants with the American education qualification (Grade 12), or

3.1.1.2 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 must submit an official high school transcript of grade 10 or its equivalence with at least 2 terms, or

3.1.1.3 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

3.1.1.4 Applicants with New Zealand education qualifications (NCEA)

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 Levels 1-3, or

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

3.1.2 Required minimum cumulative GPA

| Program    | Required minimum GPA (or equivalent) |
|------------|--------------------------------------|
| SCBM       | $\geq 3.00$                          |
| SCBE, SCCT | $\geq 2.50$                          |
| SCME, SCIN | $\geq 2.70$                          |

3.1.3 Have not confirmed enrollment in any round of TCAS 70 system and have not confirmed enrollment at any university previously.

3.1.4 Have no physical impairment and mental health problems

3.1.5 Demonstrate positive conduct, actively strive to learn to the best of their capabilities and adhere to all established rules and regulations of Mahidol University

**Remark:** Applicants who do not fully meet the admission requirements or qualifications specified above may be considered for an interview on a case-by-case basis, subject to the discretion of the Faculty of Science Admission Committee, Mahidol University.

### 3.2 SCAS and SCIM Programs

3.2.1 The applicant must have completed, or be in the process of completing, a 12-year secondary education diploma (or equivalent) approved by the Ministry of Education of Thailand. The diploma must be obtained no later than the time of enrollment in the Program.

3.2.2 The applicant must not have a contagious disease or serious illness or unsound mind which would be detrimental to his/her study.

3.2.3 The applicant must be hard-working, well-behaved with good manners.

3.2.4 It is the discretion of the Program Committee to make the final decision in cases where the above conditions are not met.

3.2.5 The applicant's name must not already be listed in other universities or institutions in Thailand as an accepted applicant for the said course. Should the University discover at a later date that the applicant's name is already registered with other universities or institutions, the applicant will be immediately disqualified from enrollment in accordance with the academic regulations.

#### 4. Required Documents for Application

| Required documents                                                                                                                                      | SCBM | SCBE | SCME | SCIN | SCCT | SCAS | SCIM |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|
| 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 formats       | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 2. A scanned national identification card <b>(for Thai applicants)</b> , or passport <b>(for non-Thai applicants)</b>                                   | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 3. A scanned house registration <b>(for Thai applicants only)</b>                                                                                       | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 4. A scanned official academic transcript or equivalent high school diploma (If currently studying submit the latest official high school transcript) * | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 5. A student certificate (if currently studying)                                                                                                        | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 6. A letter of intent in English (limited to one A4 page, 12-point Time New Roman font)                                                                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 7. A digital portfolio of academic achievements and extracurricular activities in English (A4-sized PDF document, maximum 10 pages or 10 MB)            | -    | -    | -    | -    | -    | ✓    | ✓    |
| 8. A recommendation letter from a teacher or advisor                                                                                                    | -    | -    | -    | -    | -    | ✓    | ✓    |
| 9. English proficiency test results (e.g. IELTS Academic, TOEFL, MU-ELT, MU Grad Test Plus, TOEIC)                                                      | ✓**  | Opt. | Opt. | Opt. | Opt. | Opt. | Opt. |
| 10. Evidence of application fee payment                                                                                                                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |

*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.

## 5. Admission Schedule

| Activity                                                                          | Date                                                | Details                                                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Online application                                                             | Monday, 1 February<br>– Wednesday, 31<br>March 2027 | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |
| 2. Announcement of students eligible for interview                                | Friday, 23 April 2027                               | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |
| 3. Interview (in English)                                                         | Sunday, 25 April 2027                               | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |
| 4. Announcement of final list of admitted students                                | Wednesday, 28 April 2027                            | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |
| 5. Enrollment confirmation and declination<br>(Required for all admitted student) | Wednesday, 28 April 2027 (8 a.m. – 3 p.m.)          | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |
| 6. Announcement of final list of confirmed students                               | Monday, 3 May 2027                                  | • SCBM, SCBE, SCME, SCIN, SCCT<br><a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                   |                                                     | • SCAS, SCIM<br><a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |

|                                                                                             |                                |                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7. Enrollment confirmation in the TCAS system<br>(Required for Thai admitted students only) | Monday, 3 -Tuesday, 4 May 2027 | <ul style="list-style-type: none"> <li>SCBM, SCBE, SCME, SCIN, SCCT, SCAS, SCIM</li> </ul> <a href="https://student.mytcas.com/">https://student.mytcas.com/</a>                               |
| 8. Enrollment declination in the TCAS system<br>(Required for Thai admitted students only)  | Wednesday, 5 May 2027          | <ul style="list-style-type: none"> <li>SCBM, SCBE, SCME, SCIN, SCCT, SCAS, SCIM</li> </ul> <a href="https://student.mytcas.com/">https://student.mytcas.com/</a>                               |
| 9. Announcement of the final list of confirmed students eligible for enrollment             | Friday, 14 May 2027            | <ul style="list-style-type: none"> <li>SCBM, SCBE, SCME, SCIN, SCCT</li> </ul> <a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
|                                                                                             |                                | <ul style="list-style-type: none"> <li>SCAS, SCIM</li> </ul> <a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                                           |

## 6. Application Fee (1,000 THB)

The application fee must be paid through the Thai QR code provided in the application portal.

If the applicants are unable to pay the application fee via Thai QR code payment, the applicants can make it through bank transfer to Mahidol University bank account as details below:

### Bank transfer information:

Bank name: Siam Commercial Bank PLC. (Bank branch: SALAYA)

Bank account name: Mahidol University

Bank account number: 3163025159

Bank SWIFT Code: SICOTHBK

**Note:** The application fee is non-refundable under any circumstances.

## 7. Application Procedure

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

| Program                      | Application portal                                                                                              |
|------------------------------|-----------------------------------------------------------------------------------------------------------------|
| SCBM, SCBE, SCME, SCIN, SCCT | <a href="https://sim.sc.mahidol.ac.th/online-application/">https://sim.sc.mahidol.ac.th/online-application/</a> |
| SCAS, SCIM                   | <a href="https://mathematics.sc.mahidol.ac.th">https://mathematics.sc.mahidol.ac.th</a>                         |

## 8. Criteria for Selection and Weighting

### 8.1 SCBM, SCBE, SCME, SCIN and SCCT Programs

The admission interview will be conducted in English. Applicants must pass the interview, obtain more than 50% overall and at least 50% in each assessment component. Selection is based on ranking and available places. The Admission Committee's decision is final and not subject to dispute.

The criteria for selection and scoring to the program is as shown below:

| Admission criteria                 | Weight (%) |      |      |      |      |
|------------------------------------|------------|------|------|------|------|
|                                    | SCBM       | SCBE | SCME | SCIN | SCCT |
| 1. GPAX                            | 10         | 10   | 10   | 15   | 20   |
| 2. GPA                             | 10         | 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                       | -          |      |      |      | -    |
| 4. Letter of intent                | -          | 5    | 5    | 10   | 10   |
| 5. English proficiency test        | 5          | -    | -    | -    | -    |
| 6. Interview in English            | 75         | 80   | 80   | 75   | 70   |

### 8.2 SCAS, SCIM Programs

| Admission criteria                                          | Weight (%) |      |
|-------------------------------------------------------------|------------|------|
|                                                             | SCAS       | SCIM |
| 1. Mathematical and logical reasoning                       | 35         | 35   |
| 2. English communication (listening, speaking & expression) | 30         | 30   |
| 3. Motivation and program alignment                         | 20         | 20   |
| 4. Attitude and interpersonal skills                        | 15         | 15   |

## 9. English Proficiency Test for Graduation Requirement

In order to earn a Bachelor of Science Program degree and graduate at Faculty of Science, Mahidol University, all final year students must pass a standard 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, B.E. 2568 (2025), the Mahidol University Announcement on English Competence Standards for Undergraduate Students of Mahidol University, B.E. 2568 (2025), the Curriculum and Program of Bachelor of Science Program (International Program) in Actuarial Science, B.E. 2566 (2023), 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, and Industrial Mathematics and Data Science, B.E. 2567 (2024), the Curriculum and Program of Bachelor of Science Program (International Program) in Chemical Innovation and Technology, B.E. 2567 (2024), the third revision of the Curriculum and Program of Bachelor of Science Program (International Program) in Bioinnovation, B.E. 2570 (2027).

| Program                      | English Proficiency Test scores required for graduation                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCBM                         | TOEFL iBT $\geq 78$ , or IELTS $\geq 6.0$ , or MU GRAD Test Plus $\geq 90$ , or MU-ELTS $\geq 106$ , or equivalent of other English Proficiency Test certified by Mahidol University |
| SCBE                         | TOEFL iBT $\geq 78$ , or IELTS $\geq 6.0$ , or MU GRAD Test $\geq 89$ , or MU-ELTS $\geq 106$ , or equivalent of other English Proficiency Test certified by Mahidol University      |
| SCME, SCIN, SCCT, SCAS, SCIM | TOEFL iBT $\geq 64$ , or IELTS $\geq 5.0$ , or MU-ELT $\geq 84$ , or MU GRAD test $\geq 70$ , or equivalent English Proficiency Test certified by Mahidol University                 |

#### 10. Contact Information

|                                          |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCBM, SCBE, SCME, SCIN,<br>SCCT Programs | International Program Unit<br>Division of Global Partnerships and International Programs<br>Faculty of Science, Mahidol University (Salaya campus)<br>999 Phuttamonthon 4 Road, Salaya<br>Nakhon Pathom 73170, Thailand<br><b>E-mail:</b> scsim@mahidol.ac.th<br><b>Phone:</b> + 66 2441 9820 ext. 1199, +66 82850 8108<br>(8.30 a.m. – 4.30 p.m., closed on holidays) |
| SCAS, SCIM Programs                      | Department of Mathematics<br>Faculty of Science, Mahidol University (Phayathai campus)<br>272 Rama 6 Road, Phayathai, Ratchathewi<br>Bangkok 10400, Thailand<br><b>E-mail:</b> janyatorn.cha@mahidol.ac.th<br><b>Phone:</b> + 66 2201 5340<br>(8.30 a.m. – 4.30 p.m., closed on holidays)                                                                              |

Announced on 10 August 2026



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

Dean of Faculty of Science

Mahidol University