Chulalongkorn University Announcement

Regarding Applications for Students in the Bachelor of Engineering (International Program), Faculty of Engineering for Academic Year 2022 (International Admission)

Chulalongkorn University is now accepting applications for students in the Bachelor of Engineering (International Program), Faculty of Engineering for Academic Year 2022 (International Admission). The application consists of 2 options. Applicants must choose only one option either Option 1 Test Score or Option 2 Portfolio. Application process is as follows:

1. **Application Requirements**

    Applicants do not hold Thai citizenship and have completed high school or passed an equivalent high school standard test or be currently in their final year of high school (Grade 12 in the US system or Year 13 in the British system).
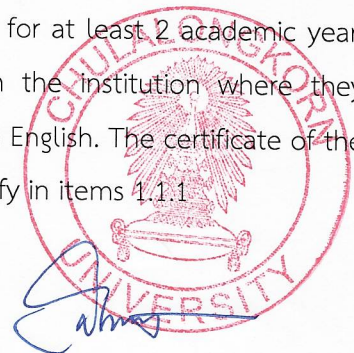
1.1 Requirements for Option 1 Test Score

    Applicants must submit the scores of the following proficiency test in items 1.1.1 – 1.1.3. At least 2 out of the 3 score results must meet the following requirements.

1.1.1 Applicants must achieve the minimum score in one of the following English Proficiency tests:

- TOEFL (Internet-based)	not lower than	80	or
- IELTS or IELTS Indicator	not lower than	6.0	or
- CU-TEP (Chulalongkorn University Test of English Proficiency)	not lower than	80	or
- Duolingo	not lower than	105	

    Applicants who graduated from International Accredited Schools in Thailand or studied abroad in which English is a primary language of instructions for at least 2 academic year. Applicants will need to provide official confirmation from the institution where they completed their degree that the medium of instruction was in English. The certificate of the English curriculum will be equivalent to passing score as specify in items 1.1.1

1.1.2 Applicants must achieve the minimum score in one of the following Mathematics Proficiency tests:

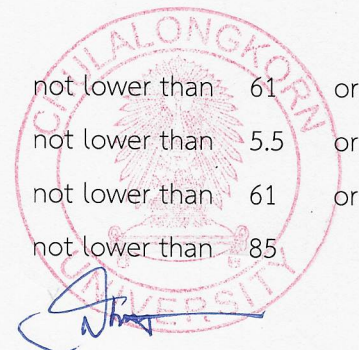|		
- CU-AAT (Math Section)	not lower than 480	or
- SAT (Math)	not lower than 620	or
- SAT Subject Test (Math Level 2)	not lower than 600	or
- Advanced Level (Mathematics-9709 or 9231)	not lower than B	or
- Advanced Level (Mathematics-9709 or 9231) Predicted Grade	not lower than A	or
- IB Mathematics (Mathematics: Applications and Interpretations HL)	not lower than 6	or
- IB Mathematics (Mathematics: Applications and Interpretations HL) Predicted Grade	not lower than 6	or
- ACT (American College Testing, Math Section)	not lower than 26	or
- AP Calculus (AB or BC)	not lower than 4	

1.1.3 Applicants must achieve the minimum score in one of the following Science Proficiency tests:

- CU-ATS	not lower than 800	or
- SAT Subject Tests (Physics and Chemistry)	not lower than 600	or
- Advanced Level (Physics-9702 and Chemistry-9701)	not lower than B	or
- Advanced Level (Physics-9702 and Chemistry-9701) Predicted Grade	not lower than A	or
- IB (Physics HL and Chemistry HL)	not lower than 6	or
- IB (Physics HL and Chemistry HL) Predicted Grade	not lower than 6	or
- ACT (Science Section)	not lower than 25	or
- AP Chemistry and AP Physics (1 or C)	not lower than 4	

Applicants who meet only 2 out of the 3 requirements from item 1.1.1-1.1.3 are still required to achieve the minimum score in items 1.1.4 -1.1.6.

1.1.4 Applicants whose score in item 1.1.1 does not pass the above requirements must achieve the minimum score on <u>one</u> of the following English Proficiency tests:

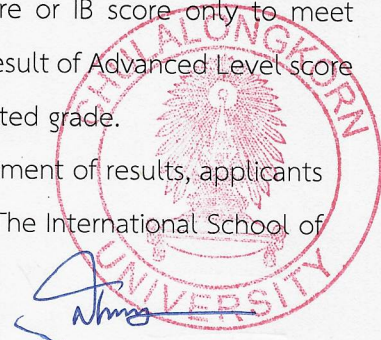|		
- TOEFL (Internet-based)	not lower than 61	or
- IELTS or IELTS Indicator	not lower than 5.5	or
- CU-TEP (Chulalongkorn University Test of English Proficiency)	not lower than 61	or
- Duolingo	not lower than 85	

1.1.5 Applicants whose score in item 1.1.2 does not pass the above requirements must achieve the minimum score on <u>one</u> of the following Mathematics Proficiency tests:

- CU-AAT (Math Section)	not lower than	455	or
- SAT (Math)	not lower than	590	or
- SAT Subject Test (Math Level 2)	not lower than	570	or
- Advanced Level (Mathematics-9709 or 9231)	not lower than	B	or
- Advanced Level (Mathematics-9709 or 9231) Predicted Grade	not lower than	A	or
- IB Mathematics (Mathematics: Applications and Interpretations HL)	not lower than	6	or
- IB Mathematics (Mathematics: Applications and Interpretations HL) Predicted Grade	not lower than	6	or
- ACT (American College Testing, Math Section)	not lower than	24	or
- AP Calculus (AB or BC)	not lower than	3	or

1.1.6 Applicants whose score in item 1.1.3 does not pass the above requirements must achieve the minimum score on <u>one</u> of the following Science Proficiency test:

- CU-ATS	not lower than	760	or
- SAT Subject Tests (Physics and Chemistry)	not lower than	570	or
- Advanced Level (Physics-9702 and Chemistry-9701)	not lower than	B	or
- Advanced Level (Physics-9702 and Chemistry-9701) Predicted Grade	not lower than	B	or
- IB (Physics HL and Chemistry HL)	not lower than	6	or
- IB (Physics HL and Chemistry HL) Predicted Grade	not lower than	6	or
- ACT (Science Section)	not lower than	24	or
- AP Chemistry and AP Physics (1 or C)	not lower than	3	

- The official score reports of the tests in 1.1.1, 1.1.2, and 1.1.3 or 1.1.4, 1.1.5, and 1.1.6 are valid only when the tests were taken within two years before the application deadline.

- Applicants must provide the most recent Advanced Level score or IB score only to meet requirements. If the applicants have already received an official result of Advanced Level score or IB score, the applicants are not allowed to submit the predicated grade.

- For predicated grade submission, upon receiving the official statement of results, applicants must submit the official Advance Level or IB exam certificate to The International School of

Engineering, Faculty of Engineering, Chulalongkorn University comply with the application deadlines.

1.2 Requirements for Option 2 Portfolio

1.2.1 Applicants must submit the most recent high school or equivalent level transcript showing the applicant's Accumulated Grade Point Average (GPAX) not less than 3.25 out of 4.00 scales during at least 5 recent semesters.

1.2.2 Applicants must achieve the minimum score in one of the following English Proficiency tests:

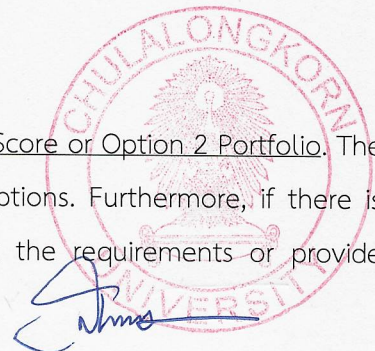|			
- TOEFL (Internet-based)	not lower than	80	or
- IELTS or IELTS Indicator	not lower than	6.0	or
- CU-TEP (Chulalongkorn University Test of English Proficiency)	not lower than	80	or
- Duolingo	not lower than	105	

Applicants who graduated from International Accredited Schools in Thailand or studied abroad in which English is a primary language of instructions for at least 2 academic years. Applicants will need to provide official confirmation from the institution where they completed their degree that the medium of instruction was in English. The certificate of the English curriculum will be equivalent to passing score as specified in items 1.2.2.

1.2.3 Applicants must submit Portfolio which demonstrate the applicant's knowledges and competencies based on the following criteria and weight distribution.

Mathematics and Science Proficiency	30%
Problem Solving Proficiency	30%
Motivation for Applying to the Faculty of Engineering	10%
Self-Learning and Lifelong Learning	20%
Creativity, Initiatives, and Teamwork	10%

Remarks:

- Portfolio Evaluation Criteria can be found in the **appendix 1.**
- Applicant must choose only one option either Option 1 Test Score or Option 2 Portfolio. The application shall be withdrawn, if applicant submits both options. Furthermore, if there is evidence shown later that the application does not meet the requirements or provide

fraudulent information, involves fake documents, the application will be rejected regardless of an offer of admission being sent. Moreover, the applicant may be prosecuted according to law.

1.3 All applicants must have a record of good behavior and agree to abide strictly by existing and future university regulations, codes and policies.

2. Number of Available Seats

The Bachelor of Engineering (International Program) is authorized to admit up to 28 qualified applicants which consist of 15 qualified applicants for Test Score Option and 13 qualified applicants for Portfolio Option. The number of available seats to 5 international programs is specified as follows.

International Program	Option 1 Test Score	Option 2 Portfolio	Total
2.1 Nano Engineering	3	2	5
2.2 Aerospace Engineering	2	2	4
2.3 Information and Communication Engineering	4	4	8
2.4 Automotive Design and Manufacturing Engineering	3	2	5
2.5 Robotics and Artificial Intelligence Engineering	3	3	6
Total	15	13	28

In case the number of qualified applicants in the first round of International Admission is less than the announced accepting number of applicants, the remaining seats will be added to the second round of International Admission of Academic Year 2022 at the discretion of the Faculty of Engineering.

3. Application Schedule and Application Fee

3.1 Application Schedule

Apply online at http://www.ise.eng.chula.ac.th There are two rounds of application as follows;

First round application: December 20, 2021–February 4, 2022

Second round application: March 4–May 3, 2022

(The second round of application will take place on the condition that the announced number is not met in the first round.)

5. Application Process Details

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria and required documents listed in item 4.1 and 4.2

5.1 First Round Application

5.1.1 Announcing Applicants Qualified for Interview

The list of successful candidates who are eligible for interview will be announced on February 14, 2022, at http://www.ise.eng.chula.ac.th

5.1.2 Interview (online)

Online interviews for the eligible applicants will be held during February 19–20, 2022. via Microsoft Team. Applicants who fail to appear on the interview date and time fixed, their candidature shall stand rejected.

5.1.3 Evaluation Criteria for Applicants to be selected
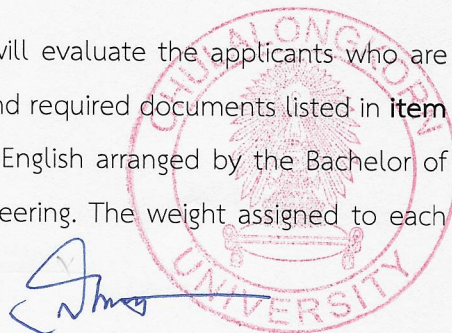
5.1.3.1 Test Score Selection Criteria

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria and required documents listed in **item 4** Applicants must pass the interview conducted in English arranged by the Bachelor of Engineering (International Program), Faculty of Engineering. The weight assigned to each requirement is as follows:

- Accumulated GPA (GPAX)		7.5 %
- English Proficiency Test Scores		20 %
- Mathematics Proficiency Test Scores		32.5 %
- Science Proficiency Test Scores		40 %
- Interview		Pass/Fail
	Total	100 %

5.1.3.2 Portfolio Selection Criteria

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria and required documents listed in **item 4** Applicants must pass the interview conducted in English arranged by the Bachelor of Engineering (International Program), Faculty of Engineering. The weight assigned to each requirement is as follows:

3.2 Application Fee Payment

3.2.1 Payment Period

For the first-round application, please pay the fee between December 20, 2021 –February 4. 2022. For the second-round application (if any), please pay the fee between March 4–May 3, 2022.

3.2.2 Application Fee

Applicants are required to include an application fee, THB 1,000. Applicants have to request payment information in the application platform, then the electronic payment link will be directly updated in the application within 2 days. The applicants proceed the payment and upload the payment evidence to complete the application. It should be noted that there is no refund for the cancellation of application.
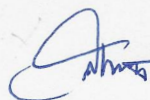
4. Application Package

Applicants must complete the application form and ensure that all information given is accurate. All application forms must be accompanied by the following:

4.1. Option 1: Test Score

- 1-inch photograph
- Academic transcript(s)
- Official results for all the required tests detailed in **item 1.1**
- A certificate of student status from the current institution (for applicants who are still currently studying in school)
- A copy of the applicant's passport
- A proof of application fee payment

4.2 Option 2: Portfolio

- 1-inch photograph
- Academic transcript(s)
- English Proficiency Test detailed in **item 1.2.2**
- Portfolio detailed in **item 1.2.3**
- A certificate of student status from the current institution (for applicants who are still currently studying in school)
- A copy of the applicant's passport.
- A proof of application fee payment

- Accumulated GPA (GPAX)	30 %
- English Proficiency Test Scores	20 %
- Portfolio	35 %
- Interview	15 %
Total	100 %

5.1.4 Announcement of Successful Candidates

The list of successful candidates who are eligible for study program selection will be announced on February 24, 2022 at (http://www.ise.eng.chula.ac.th)

5.1.5 Enrollment Confirmation and Admission Fee Payment

Successful candidates who are eligible for program selection must select théir study program and pay the confirmation fee from February 28–March 3, 2022. via http://www.ise.eng.chula.ac.th. The applicants who do not select their program on the specified date will be considered as waiving their rights for admission.

5.1.6 Announcement of Additional Qualified Applicants (if any)

The faculty of Engineering will announce additional applicants who are eligible for program selection on the ISE website (http://www.ise.eng.chula.ac.th/) Additional applicants must report to accept offer of admission and pay the admission confirmation fee between March 3–5, 2022. If an applicant fails to do so by the appointed time, they will be assumed to have rejected the offer of admission.
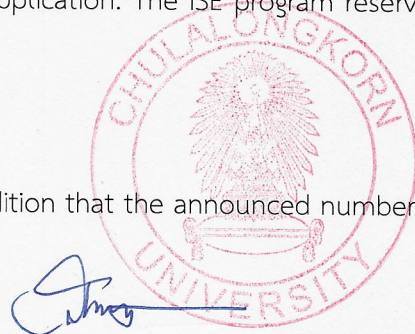
5.1.7 Announcement of Applicants Who Confirm Acceptance of Offer of Admission and Pay the Admission Confirmation Fee

The faculty of Engineering will notify applicants who confirm acceptance of offer of admission and pay the admission confirmation fee by email between March 3–5, 2022.

Successful applicants who confirm acceptance of offer of admission and pay for the admission confirmation fee will not be eligible for the second-round application. The ISE program reserves the right not to refund the application fee to applicants.

5.2 Second Round Application (If Any)

The second round of application will take place on the condition that the announced number is not met in the first round.

5.2.1 Announcing Applicants Qualified for Interview

The faculty of Engineering will announce applicants qualified for interview on May 9, 2022 on the website (http://www.ise.eng.chula.ac.th/)

5.2.2 Interview (Online)

Applicants qualified for an interview will be examined online between May 14–15, 2022 via Microsoft Team. If an applicant does not attend the interview, that applicant will be disqualified.

5.2.3 Announcement of Successful Candidates

The list of successful candidates who are eligible for study program selection will be announced on May 20, 2022 on the ISE website (http://www.ise.eng.chula.ac.th/).

5.2.4 Enrollment Confirmation and Admission Fee Payment

Successful candidates who are eligible for program selection must select their study program and pay the confirmation fee from May 24–27, 2022 at http://www.ise.eng.chula.ac.th The applicants who did not select their program on the specified date will be considered as waiving their rights for admission.

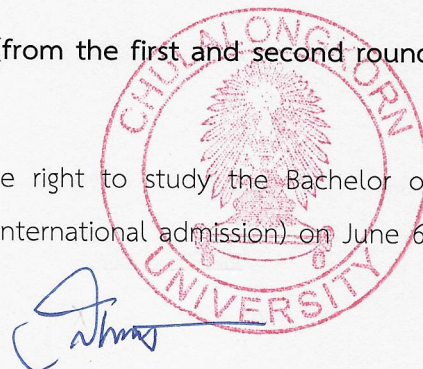### 5.2.5. Announcement of Additional Qualified Applicants (if any)

The faculty of Engineering will announce additional applicants who are eligible for program selection on the ISE website (http://www.ise.eng.chula.ac.th/) Additional applicants must report to accept offer of admission and pay the admission confirmation fee between May 27–29, 2022. If an applicant fails to do so by the appointed time, they will be assumed to have rejected the offer of admission.

5.2.6 Announcement of Applicants who Confirm Acceptance of Offer of Admission and Pay for the Admission Confirmation Fee

The faculty of Engineering will notify applicants who confirm acceptance of offer of admission and pay the admission confirmation fee by email between May 27–30, 2022.

6. Announcement of Applicants with the Right to Study (from the first and second round applications)

Chulalongkorn University will announce applicants with the right to study the Bachelor of Engineering (International Program) for academic year 2022 (international admission) on June 6, 2022 at ISE website (http://www.ise.eng.chula.ac.th/).

7. Conditions of Study

7.1 An individual must have completed grade 12 or equivalent to be qualified to register as a student of Chulalongkorn University. Should it emerge that applicants with right to study have found to have provided false information in the application or false evidence in support of the application, their right to study will be rescinded. The ISE program reserves the right not to refund the application fee and the admission confirmation fee to applicants.

7.2 Individuals who have completed their education at an international school or a foreign school that was not certified by the Ministry of Education must have their qualification certified by the Council of University Presidents of Thailand as being equal to a qualification according to the Ministry of Education's Basic Education Core Curriculum.

7.3 Should it emerge that applicants with right to study have found to have provided false information in the application or false evidence in support of the application, their right to study will be rescinded. The applicant may also face criminal charges.
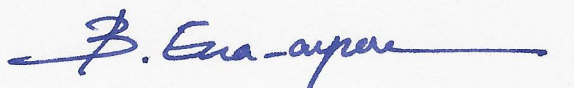
8. Scholarship

Admitted applicants to the Bachelor of Engineering (International Program) for the Academic Year 2022 (International Admission) will be eligible to be considered for a scholarship from International School of Engineering according to the Announcement of ISE Scholarship for Foreign Students of International Admission 2022.

9. University Fees and Extra Surcharges

University fees and surcharges will be charged according to announcements by Chulalongkorn University.

Announced on December 3 , 2021

(Professor Bundhit Eua-arporn, Ph.D.)

President

Detail and preparing process of portfolio as part of application submission
to the Bachelor of Engineering (International Program)
Faculty of Engineering for Academic Year 2022 (International Admission)

1.   Preparing process of portfolio submission

1.1   Applicants must fill out the details of their portfolio via ISE online application system at http://www.ise.eng.chula.ac.th from **December 20, 2021 – February 4, 2022 for the first round of International Admission and from March 4, 2022 – May 3, 2022 for the second round of International Admission.**

1.2   The portfolio must represent the applicant's work during high school study only.

1.3   Applicants must upload the evidence of the documents such as journals, research articles, VDO clip as required by the International School of Engineering, Faculty of Engineering, Chulalongkorn University as follows:

- A proof of accomplishment report of programs, projects, or activities which show applicant's academic knowledge of problem solving, a certificate of volunteer activity, contest, competition, or other activities issued by the host, organizer, institute of an event (Applicants sign certified true copy for each document)

- 3 minutes VDO Clip showing applicants' willingness and a clear goal to study at International School of Engineering, Faculty of Engineering as mentioned **in items 2.3**

- A proof of the academic project or academic camps, conferences, seminars, training, online course, and

- A proof of the volunteer activities and a summary of the applicant's duties on the team and project achievement

2.   Details of portfolio

Portfolio Criteria	Required Documents
2.1 Mathematics and Science Proficiency	- Provide the most recent high school or equivalent level transcript showing the applicant's Accumulated Grade Point Average (GPAX) not less than 3.25 out of 4.00 scales during at least 5 recent semesters and showing GPAX of Science courses (Physic and Chemistry) as well as

Portfolio Criteria	Required Documents
	mathematics courses not less than 3.25. High school graduates or equivalent must submit GPAX total of 6 semesters. - Applicants have received outstanding awards at either national or international level in Math and Science. Provide proof of Certificate of Accomplishment which can be verifiable by arranging the documents from national level certification to International level certification. (Applicants are able to show evidence of all academic competition during their high school)
2.2 Problem Solving Proficiency	- Provide proof of academic research in the engineering field or research design which refers to the overall strategy that applicants choose to integrate to self-development of the study in the form of poster or infographic or presentation slide by selecting the best work no more than 3 projects. - Write a summary of the project performance of the mentioned projects, clearly identify a core factor that causes an issue, and address a hypothesis and methods to solve the problem. If applicants received a project achievement award, it must be an award received from a reliable organization (other than the school where the applicant has studied). The summary should not be **more than 300 words in length of A4 paper.**
2.3 Motivation for Applying to the Faculty of Engineering	- Details on the VDO Clip showing the applicant's self-expression determine the purpose of applying to the Faculty of Engineering (International Program), Chulalongkorn University by specifying the reason of being an engineer, a clear goal to study in an engineering field, what applicants want to achieve and career paths after graduation, **the length of VDO must not be over 3 minutes.** The file size must not be over 300 MB and saved in MP4.
2.4 Self-Learning and Lifelong Learning	- Provide proof of certificate of participation Certificate of attendance, Certificate of presentation of the academic activities, trainings, seminars, conferences, online learning courses showing applicant's self-learning and having continuous self-development.

Portfolio Criteria	Required Documents
	- Write a summary on the participation in the activities of attending program /training/ seminars/ online course learning and describe the applicant's personal strengths and weaknesses as well as self-awareness and personal development. Performing a self-analysis on the applicant's areas for improvement and necessary skills to advance a career paths in the future. The summary should not be **more than 300 words in length of A4 paper.**
2.5 Creativity, Initiatives, and Teamwork	- Provide proof of group leadership that show applicants 'vital role in the group, encourage people to voice their ideas and opinions. Bring people together to solve challenging problems that require cooperation and communication skills. Able to take independent action and work well with others such as organizing academic activity, volunteer activity, Corporate Social Responsibility activity and so on. - Write a summary that describe applicant's roles and responsibilities within the group and the achievement of working as a group by showing reliable evidence of the participation in group activities which has been approved by the applicant's institution, project leader, public or private organization, and specified activity date. The summary should not be **more than 300 words in length of A4 paper.**

3. Consideration on Criteria of Portfolio

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria and required documents listed in **item 1.2.1 -1.2.3** and supporting document in **item 2.1-2.5**. The weighting assigned to the criteria is as follows:

3.1 Mathematics and Science Proficiency	30%
3.2 Problem solving Proficiency	30%
3.3 Motivation for applying to the Faculty of Engineering (International Program)	10%
3.4 Self-learning and lifelong learning	20%
3.5 Creativity, Initiatives, and Teamwork	10%