



# Doctor of Philosophy (Ph.D.)

## Microbiology and Microbial Technology (English Program)

Department of Microbiology, Faculty of Science, Chulalongkorn University

Program ID: 3535 (for applicants who earn a master's degree, Plan 1.1) Ph.D. with dissertation only.

Program ID: 3536 (for applicants who earn a bachelor's degree, Plan 1.2) Ph.D. with dissertation only.

Program ID: 3537 (for applicants who earn a master's degree, Plan 2.1) Ph.D. with coursework and dissertation.

Program ID: 3538 (for applicants who earn a bachelor's degree, Plan 2.2) Ph.D. with coursework and dissertation.

Content	Page
Admission Tracks.....	2
(1) Regular Track of Admission.....	2
➤ Admission Process.....	2
➤ Qualification of Applicants.....	3
○ Bachelor's Degree Holders (Program ID: 3536, 3538).....	3
○ Master's Degree Holders (Program ID: 3535, 3537).....	3
(2) Special Track of Admission.....	4
➤ Admission Process.....	4
➤ Qualification of Applicants.....	4
○ Bachelor's Degree Holders (Program ID: 3536, 3538).....	4
○ Master's Degree Holders (Program ID: 3535, 3537).....	5
English Scores and Admission with Conditions .....	5
Application Information.....	6

More Information:	<a href="http://www.micro.sc.chula.ac.th">www.micro.sc.chula.ac.th</a>
Online Application:	<a href="http://www.grad.chula.ac.th">www.grad.chula.ac.th</a>
Contact (Admission):	Dr. Sarisa Na Pombejra ( <a href="mailto:sarisa.n@chula.ac.th">sarisa.n@chula.ac.th</a> )
Contact (Ph.D. Program Secretary):	Assoc. Prof. Dr. Wanchai Assavalapsakul ( <a href="mailto:wanchai.a@chula.ac.th">wanchai.a@chula.ac.th</a> )

## Admission Tracks

- Our program offers two tracks of admission, **(1) regular track (2) special track**, for all Program ID: 3535, 3536, 3537, 3538.
- Regular track and special track are different in the admission process and the qualification of applicants.

### (1) Regular Track of Admission

#### ➤ Admission Process

##### Online Application ([www.grad.chula.ac.th](http://www.grad.chula.ac.th))

The following application materials are required and must be submitted online.

- Application
- A photo (not more than 6 months old)
- A copy of national ID card (for Thai applicants) or a copy of passport (for international applicants)
- A copy of official transcript
- A copy of English score certificate (CU-TEP or TOEFL or IELTS)
- A letter of recommendation (email to Dr. Sarisa Na Pombejra)



##### Choose a Research Topic and Advisor

If the applicants meet the requirements of the programs, we will send research topics of each faculty who desires to accept students, and the applicants have to choose those topics for the interview round.



Interview



Announcement for Final Decision

## ➤ Qualification of Applicants

### For Bachelor's Degree Holders

(Program ID [3536](#): Plan 1.2 with dissertation only)

(Program ID [3538](#): Plan 1.2 with coursework and dissertation)

- 1) Admission requires a Bachelor of Science degree (B.Sc.) with first class honors in microbiology or related fields.
- 2) The Program Administrative Committee agrees to allow the applicants for applying into the Program.
- 3) Applicants must have an English score (TOEFL or IELTS or CU-TEP). The minimum English scores for admission to the program are 45 (CU-TEP), 4 (IELTS), 450 (TOEFL PBT), 133 (TOEFL CBT), and 45 (TOEFL iBT). However, the admitted students with minimum scores require additional English language coursework.

### For Master's Degree Holders

(Program ID [3535](#): Plan 1.1 with dissertation only)

(Program ID [3537](#): Plan 2.1 with coursework and dissertation)

- 1) Admission requires a Master of Science degree (M.Sc.) in microbiology or in a field of biological science with a minimum 3.5 GPAX. Research experience and a good quality of publication are encouraged. The minimum 10 credits of microbiology coursework are required except the Program Administrative Committee agrees to allow the applicants for applying into the Program.
- 2) Applicants must have an English score (TOEFL or IELTS or CU-TEP). The minimum English scores for admission to the program are 45 (CU-TEP), 4 (IELTS), 450 (TOEFL PBT), 133 (TOEFL CBT), or 45 (TOEFL iBT). However, the admitted students with minimum scores require additional English language coursework.

## (2) Special Track of Admission

### ➤ Admission Process

#### Choose a Research Topic and Advisor

- Applicants must contact a faculty in Department of Microbiology who you desire to work with during your Ph.D.
- Please visit the Department website [www.micro.sc.chula.ac.th/index.php/en/about-us/academic-staff-en/academic-staff](http://www.micro.sc.chula.ac.th/index.php/en/about-us/academic-staff-en/academic-staff) to find more information about our faculty and contact them directly via email.
- After their agreement to accept you as a candidate, you can proceed the online application.



#### Online Application ([www.grad.chula.ac.th](http://www.grad.chula.ac.th))

The following application materials are required and must be submitted online.

- Application
- A photo (not more than 6 months old)
- A copy of national ID card (for Thai applicants) or a copy of passport (for international applicants)
- A copy of official transcript
- A copy of English score certificate (CU-TEP or TOEFL or IELTS)
- A letter of recommendation (email to Dr. Sarisa Na Pombejra)



#### Announcement for Final Decision

### ➤ Qualification of Applicants

#### For Bachelor's Degree Holders

(Program ID [3536](#): Plan 1.2 with dissertation only)

(Program ID [3538](#): Plan 1.2 with coursework and dissertation)

- 1) Admission requires a Bachelor of Science degree (B.Sc.) in microbiology (program ID: 3536) or a Bachelor of Science degree (B.Sc.) in biological science or related fields (program ID: 3538). The minimum GPAX of 3.25 and 10 credits of microbiology coursework are required.

- 2) Applicants must have an English score (TOEFL or IELTS or CU-TEP). The minimum English scores for admission to the program are 60 (CU-TEP), 5 (IELTS), 500 (TOEFL PBT), 173 (TOEFL CBT), and 61 (TOEFL iBT).
- 3) The Program Administrative Committee agrees to allow the applicants for applying into the Program.

### For Master's Degree Holders

(Program ID [3535](#): Plan 1.1 with dissertation only)

(Program ID [3537](#): Plan 2.1 with coursework and dissertation)

- 1) Admission requires a Master of Science degree (M.Sc.) in microbiology (program ID: 3535) or a Master of Science degree (M.Sc.) in biological science or related fields (program ID: 3537). The minimum GPAX of 3.5 or an excellent quality of thesis or an international publication in SCOPUS or ISI database are required. The minimum 10 credits of microbiology coursework are also needed.
- 2) Applicants must have an English score (TOEFL or IELTS or CU-TEP). The minimum English scores for admission to the program are 60 (CU-TEP), 5 (IELTS), 500 (TOEFL PBT), 173 (TOEFL CBT), or 61 (TOEFL iBT).
- 3) The Program Administrative Committee agrees to allow the applicants for applying into the Program.

### English Scores and Admission with Conditions

Conditions	CU-TEP	IELTS	TOEFL		
			Paper-based	Computer-based	Internet-based
1) Admission without conditions	≥ 67	≥ 5.5	≥ 525	≥ 197	≥ 71
2) Require <u>one English language coursework</u> (5500560 Thesis Writing, and the students must pass the English language coursework before their graduation.)  or the students must take a new exam to receive the required score (CU-TEP 67, IELTS 5.5, TOEFL PBT 525, TOEFL CBT 197, TOEFL iBT 71) before	60-66	5.0	500-524	173-196	61-70

Conditions	CU-TEP	IELTS	TOEFL		
			Paper-based	Computer-based	Internet-based
graduation.					
3) Require <u>two English language coursework</u> for admitted students (5500532 Academic English for Graduate Studies and 5500560 Thesis Writing, and the students must pass the English language coursework before their graduation.)  or the students must take a new exam to receive the required score (CU-TEP 67, IELTS 5.5, TOEFL PBT 525, TOEFL CBT 197, TOEFL iBT 71) before graduation.	45-59	4.0-4.5	450-499	133-172	45-60
4) Not qualify for admission	< 45	< 4.0	< 450	< 133	< 45

\*\*\* All English scores will be expired 2 year after the test date. The submitted scores must be valid until the date of final decision announcement.

CU-TEP: [http://www.atc.chula.ac.th/en\\_html/en\\_tep.html](http://www.atc.chula.ac.th/en_html/en_tep.html)

TOEFL: <https://www.ets.org/toefl>

IELTS: <https://www.ielts.org/>

## Application Information

- 1) The online application is available on the Graduate School website (<http://www.grad.chula.ac.th/en/index.php>). Please visit the website for more information of how to apply to the Program and follow the guidelines of the Graduate School.
- 2) The fee to apply is 500 Thai Baht. The fee must be paid before the application will be considered complete. All international applicants receive an applicant fee waiver.
- 3) A letter of recommendation is required, and must be directly sent to [sarisa.n@chula.ac.th](mailto:sarisa.n@chula.ac.th) (Dr. Sarisa Na Pombejra)
- 4) For the applicant earned a diploma or an associate degree followed by two-year bachelor's degree program, the transcripts from both academic levels will be required for the application submission.

- 5) The applicants who are still studying in the final semester of a bachelor's degree can apply to the Program. However, the applicants must submit an evidence of graduation that meet the requirement of the Program before the first day of new student enrollment.

The following application materials are required and must be submitted online.

- Application
- A photo (not more than 6 months old)
- A copy of national ID card (for Thai students) or a copy of passport (for international students)
- A copy of official transcript
- A copy of English score certificate (CU-TEP or TOEFL or IELTS)
- A letter of recommendation (email to Dr. Sarisa Na Pombejra, [sarisa.n@chula.ac.th](mailto:sarisa.n@chula.ac.th))