

## Doctor of Philosophy (Ph.D.)

### Program: 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) Ph.D. with only dissertation.

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

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

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

---

### Regular Track of Admission

#### Prerequisites

##### For applicants who earn a bachelor's degree (Program ID: 3536, 3538)

- 1) Admission requires a bachelor's degree with first class honors in microbiology or related fields.
- 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), and 45 (TOEFL iBT). However, the admitted students with minimum scores require additional English language coursework.

##### For applicants who earn a master's degree (Program ID: 3535, 3537)

- 1) Admission requires a master's degree in microbiology or biological science with minimum 3.5 GPA. Research experience and a good quality of publication are encouraged. The minimum 10 credits of microbiology coursework are required except the Program Committee agrees to allow the applicants to apply 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.

The following table provides information about 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> for admitted students	60-66	5.0	500-524	173-196	61-70
3) Require <u>two English language coursework</u> for admitted students	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/>

### Applications

- 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 must be submitted to the Department of Microbiology (contacts: Dr. Sarisa Na Pombejra).

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 (if 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 submission.)
- A copy of English score certificate (CU-TEP or TOEFL or IELTS)
- A letter of recommendation (email to Dr. Sarisa Na Pombejra)

### Admission Schedule

Submit an application	September 2 <sup>nd</sup> – November 15 <sup>th</sup> , 2019 ( <a href="http://www.grad.chula.ac.th/en/index.php">http://www.grad.chula.ac.th/en/index.php</a> )
Announcement for the list of interview candidates	November 18 <sup>th</sup> , 2019 ( <a href="http://www.micro.sc.chula.ac.th">www.micro.sc.chula.ac.th</a> )
Exam and interview	November 20 <sup>th</sup> , 2019 (9 AM – 12 PM) Department of Microbiology, 16 <sup>th</sup> Floor, Maha Vajurunhis Building * For international applicants, please contact Dr. Sarisa Na Pombejra or Assoc. Prof. Rungaroon Waditee-Sirisattha
Announcement for final decision	November 21 <sup>st</sup> , 2019 ( <a href="http://www.micro.sc.chula.ac.th">www.micro.sc.chula.ac.th</a> )

For more information, please contact Dr. Sarisa Na Pombejra ([sarisa.n@chula.ac.th](mailto:sarisa.n@chula.ac.th)) or

Assoc. Prof. Rungaroon Waditee-Sirisattha ([rungaroon.w@chula.ac.th](mailto:rungaroon.w@chula.ac.th))

Tel: +66 2 218 5070

Website: [www.micro.sc.chula.ac.th](http://www.micro.sc.chula.ac.th)

## Doctor of Philosophy (Ph.D.)

### Program: 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) Ph.D. with only dissertation.

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

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

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

---

### Special Track of Admission

#### Prerequisites

##### For applicants who earn a bachelor's degree

- 3) Admission requires a bachelor's degree in microbiology (program ID: 3536) or a bachelor's degree in biological science or related fields (program ID: 3538). The minimum GPA of 3.25 and 10 credits of microbiology coursework are required.
- 4) 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).

##### For applicants who earn a master's degree

- 3) Admission requires a master's degree in microbiology (program ID: 3535) or a master's degree in biological science or related fields (program ID: 3537). The minimum GPA 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.
- 4) 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).

\*\*\* 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.

#### Applications

- 4) \*\*\* Applicants must contact a faculty in Department of Microbiology who you desire to work with during your Ph.D. Please visit the Department website <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.
- 5) 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.

- 6) 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.
- 7) A Letter of Recommendation must be submitted to the Department of Microbiology (contacts: Dr. Sarisa Na Pombejra).

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 (if 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 submission.)
- A copy of English score certificate (CU-TEP or TOEFL or IELTS)
- A letter of recommendation (email to Dr. Sarisa Na Pombejra)

For more information, please contact Dr. Sarisa Na Pombejra ([sarisa.n@chula.ac.th](mailto:sarisa.n@chula.ac.th)) or Assoc. Prof. Rungaroon Waditee-Sirisattha ([rungaroon.w@chula.ac.th](mailto:rungaroon.w@chula.ac.th))

Tel: +66 2 218 5070      Website: [www.micro.sc.chula.ac.th](http://www.micro.sc.chula.ac.th)