



Joint Program Between

ASSUMPTION UNIVERSITY OF THAILAND AND UNIVERSITY OF CALIFORNIA AT DAVIS, USA



Ph.D.FB DOCTOR OF PHILOSOPHY IN FOOD BIOTECHNOLOGY

Assumption University is collaborating with University of California at Davis to offer a PhD. Program in Food Biotechnology. This unique Doctor of Philosophy Degree program combines the faculties, the educational and research facilities and the high-tech equipment at the two campuses to create a program on the cutting edge of technology. The program is designed to provide students with marketable skills and qualifications for work in a high-tech industry, as well as the academic foundation.



Hua Mak Campus

ADMISSION SCHEDULE 2018

Schedule	Semester I 2018 Batch 24	Semester II 2018 Batch 25	Semester I 2019 Batch 26
Application Deadline	Now - July 10, 2018	Now - December 11, 2018	Now - July 9, 2019
Entrance Examinations	Wednesday, July 11 2018	Wednesday, December 12, 2018	Wednesday, July 10, 2019
- Specific Knowledge in Biotechnology	09.00 -12.00 hrs.	09.00-12.00 hrs.	09.00-12.00 hrs.
- Interview Date	13.00 -15.00 hrs.	13.00-15.00 hrs.	13.00-15.00 hrs.
Interview date	Wednesday, July 11, 2018	Wednesday, December 12, 2018	Wednesday, July 10, 2019
English Proficiency test	TBA	TBA	TBA
Entrance result	Thursday, July 12, 2018	Thursday, December 13, 2018	Thursday, July 11, 2019
Instruction begins	August 14, 2018	TBA	TBA

QUALIFICATIONS FOR ADMISSION

1. Student must hold a Bachelor's degree or a Master's degree in Food Science, Biotechnology, Biological Science or related subjects.
2. Receive a CGPA of at least 3.0 for student holding a Master degree.
3. Receive a CGPA of at least 3.5 for student holding a Bachelor degree.
4. The Program Committee and the Dean of office of Graduate School may make exemptions of the above.

ENTRANCE REQUIREMENTS

1. A Complete application form.
2. Two copies of Transcripts of previous college and university work.
3. Four Photographs, 1-inch size.
4. Two copies of residence registration and identification card (for Thai Applicants), two copies of passport (for non-Thai Applicants)
5. Three original letters of recommendation from individuals qualified to comment on your potential for academic success in the doctoral program.
6. Statement of purpose indicating that why you want to pursue your career in Food Biotechnology

Note: All documents must be endorsed with signature and submitted in person within the last day application period, otherwise the application will not be considered and the applicant will not be allowed to sit for the Admission interview.

ADMISSION & EXAMINATION FEES

Admission Fee	Baht 500
Specific Knowledge in Biotechnology	Baht 500
Interview	Baht 2,000
AU English Proficiency Test	Baht 500

EXEMPTIONS

The AU English Proficiency Test can be exempted depending on which of the following conditions you satisfy.

- a TOEFL score of (iBT) 90 or (P) 575 or an IELTS (Academic) score of at least 6.5 (Validation: Two years)
- a Bachelor's degree or a higher degree from native English speaking countries (e.g. USA, Canada, UK, Australia and New Zealand)

STUDY SYSTEM

1 st semester August-December	2 nd semester January-May
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VENUE & CLASS HOURS

» Hua Mak Campus, Ramkhamhaeng 24 Road
Mon-Fri : 9.30- 17.00 hrs.

DURATION: 3-5 YEARS

GRADUATION REQUIREMENTS

To be qualified for graduation, the student must:

1. Pass every required course with grade of at least B for each course.
2. Complete at least 39 credits.
3. Earn at minimum CGPA of 3.0
4. Submit the thesis and pass the thesis examination (thesis option) or complete master thesis project and pass comprehensive examination (non-thesis program).

Ph.D.FB

DOCTOR OF PHILOSOPHY IN FOOD BIOTECHNOLOGY



STUDY PLAN AND CURRICULUM

48 Credits

Type 1.1
Type 2.1

75 Credits

Type 1.2
Type 2.2

Type 1.1: Dissertation (For students holding Master's Degree)

Seminar	Non-Credit
Dissertation	48 Credits
Total	48 Credits

Type 1.2: Dissertation (For students holding Bachelor's Degree)

Seminar	Non-Credit
Dissertation	72 Credits
Total	72 Credits

Type 2.1 : Courses and Dissertation (For students holding Master's Degree)

Elective Courses	6 Credits
Advanced Elective Courses	3 Credits
Seminar	3 Credits
Dissertation	36 Credits
Total	48 Credits

Type 2.2 : Courses and Dissertation (For students holding Bachelor's Degree)

Elective Courses	18 Credits
Advanced Elective Courses	6 Credits
Seminar	3 Credits
Dissertation	48 Credits
Total	75 Credits

COURSE STRUCTURE

1. Proposal Foundation Course at Assumption University, Bangkok
2. Ph. D Research study at University of California at Davis, USA.

Graduate Student Seminar

FB 5108A	Graduate Student Seminar
FB 5108B	Graduate Student Seminar
FB 5108C	Graduate Student Seminar

Elective Courses

AI 4211	Fermentation Process
AI 4212	Tissue Cultural Techniques and Application
FB 5107	Principle of Sustainable Agricultural Products
FB 6109	The World Food Economy
FB 6191	Nutritional Therapy
FB 6189	Experimental Designs and Statistic Analysis

Doctoral Dissertation

FB90**	Doctoral Dissertation Research
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ESTIMATED EXPENSES

Fee descriptions	3-5 year, 6-10 semesters			
	THB		US\$	
Enrollment fees:				
Matriculation fee (Thai students)	10,000		303	
Matriculation fee (non-Thai students)	22,500		681	
Student's activities fee	6,000		182	
	3 Years (48 Credits)	USD	5 Years (75 Credits)	USD
Tuition Fee (THB 7,000/Credit)	336,000	10,182	525,000	15,909
University Fee (THB 17,900/Semester)	107,400	3,255	179,000	5,424
Annual Internet & Access Control Fees (THB 2,400/Year)	7,200	218	12,000	364
Annual Health and Life Insurance Fee (Non-Thai Students - THB 5,000/Year)	15,000	455	25,000	758
Addition Fees				
Dissertation Defense		7,000		
Approximate Total Fee for Thai Students	473,600	14,352	739,000	22,394
Approximate Total Fee for Non-Thai Students	501,100	15,185	776,500	23,530

Note:

1. Tuition fee doesn't cover the followings:
 - Admission fee
 - Text books
 - AU Academic Writing Course (15,000 THB)
 - Tuition fee for non-credit courses
 - Health and life insurance (non-Thai students)
2. The fees are subject to change at the university's discretion without prior notice.
3. Currency exchange rate: THB 33 = US\$ 1

Faculty of Biotechnology

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IMPORTANT

The provisional information statements set forth in this catalog should not be construed as the basis of any contract between a student and this institution. As such Assumption University reserves the right to change any provision listed in this catalog, including, but not limited to academic requirements for graduation. Every effort through the Office of Graduate Studies, will be made to keep students advised of any such changes.

Last updated: April 2018

The University Registrar

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