



# MASTER OF SCIENCE IN FOOD BIOTECHNOLOGY

DURATION 1-2 YEARS , FULL-TIME

As the largest industry in Thailand, food products account for more than 20 percent of the country’s gross national product. Consumers drive the industry as they seek more convenience and more nutritious food especially as the world going into the aging society.

As the industry strives to meet consumer demands, its feast, not famine, in the job market for trained food biotechnologists as the demand for their knowledge grows. School of Biotechnology, Assumption University intended to provide programs of study for students with an interest in this field.

The new and improved curriculum offers a new track of study for those that are interested in becoming entrepreneurs in the food industry with collaboration with School of Management and Economics, AU (MSME). Due to the collaboration between University of California at Davis (whose recognized worldwide for their expertise in food and beverages technology) and Assumption University, students will learn cutting-edge technology in the nation’s fastest growing food industry.

**QUALIFICATIONS FOR ADMISSION**

- 1. Hold a bachelor’s degree from the institutions accredited by the Ministry of Education, Thailand.
- 2. Cumulative GPA of at least 2.5 or have at least 1 year working experience.

**Additional requirement for Plan A type A1 (Thesis only)**

- Hold a bachelor’s degree in Food Technology, Biotechnology, Microbiology, Bioscience or related fields from the institutions accredited by the Ministry of Education, Thailand and have at least 1 year working experience in related field.

**APPLICATION REQUIREMENTS**

- 1. A completed application form
- 2. Official transcript of the previous university attended (1 copy)
- 3. Bachelor's degree certificate (1 copy)
- 4. Citizen identification card and residenceregistration (1 copy) - for Thai applicants
- 5. Passport (1 copy) - for Non-Thai applicants
- 6. One (1x1.5 inches) photograph (formal attire, not in graduation gown)
- 7. Recommendation letters from either former instructor or current employer (2 letters)
- 8. Statement of purpose. The 1 A4 page essay should state your motivation, interest and expecting goal.

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.

Applicants who are graduates from overseas Universities will be required to provide at the time of applying and not later, certified, attested, or notarized by competent notaries, all academic documents with the seal or stamp by the Ministry of Foreign Affairs, Ministry of Education or related department.

**ADMISSION** 1,000 THB (Non-refundable)

**ENTRANCE EXAMINATION**

- AU English Proficiency Test
- Interview Entrance Examination

**Exemption**

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

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

**STUDY SYSTEM**

1 <sup>st</sup> semester	2 <sup>nd</sup> semester
June - October	November - March

**VENUE & CLASS HOURS**

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

**DURATION:** 1-2 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 a 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).
- 5. Have part of thesis published in the proceeding of international conference or journal that in the list of OHEC (for thesis plan)



ADMISSION SCHEDULE 2025

	Semester 1/2025 (June – October 2025)	Semester 2/2025 (November 2025 – March 2026)
Application deadline	From now – 27 May 2025	From now – 28 November 2025
AU English Proficiency Test and Interview	Online	Online
Entrance results	To be announced by the faculty	To be announced by the faculty
Instruction begins	2 June 2025	3 November 2025

PLAN OF STUDY

- **Plan A Type A1: Thesis**
- **Plan A Type A2: Coursework and Thesis**
- Food Biotechnology Track (For students holding Bachelor’s Degree in related Fields)
- Food Bio-Entrepreneur Track (For students holding Bachelor’s Degree in any Fields)

Plan A Type A1: Thesis

Seminar Courses	Non-Credit
Thesis	36 Credits
Total	36 Credits

Plan A Type A2: Coursework and Thesis

Core Courses	6 Credits
Required Courses	9 Credits
Elective Courses	6 Credits
Seminar Courses	3 Credits
Thesis	12 Credits
Total	36 Credits

- **Plan B: Coursework and Independent Study**
- Food Biotechnology Track (For students holding Bachelor’s Degree in related Fields)
- Food Bio-Entrepreneur Track (For students holding Bachelor’s Degree in any Fields)
- Credits required (Please check according to your plan of study)

Plan B : Coursework and Independent Study

Core Courses	6Credits
Required Courses	9 Credits
Elective Courses	12 Credits
Seminar Courses	3 Credits
Independent Study	6 Credits
Total	36 Credits

ESTIMATED FEES

Plan A type A1 (Thesis)

Installments	Thai Students (THB)	Non Thai Students (THB)	(US\$)
1 <sup>st</sup> Installment	170,000	185,000	5,441
2 <sup>nd</sup> Installment	165,000	185,000	5,441
3 <sup>rd</sup> Installment	165,000	180,000	5,294
Total	500,000	550,000	16,176

GRADUATE ADMISSIONS OFFICE

HUA MAK CAMPUS

Admissions Center "A" Building, 1<sup>st</sup> floor  
Ramkhamhaeng 24 Road, Bangkok 10240 Thailand  
Monday - Friday 08:30 A.M. - 05:00 P.M.  
Saturday 08:00 A.M. - 04:30 P.M.  
Sunday 08:00 A.M. - 02:00 P.M.

ESTIMATED FEES

Plan A type A2 & Plan B

Installments	Thai Students (THB)	Non Thai Students (THB)	(US\$)
1 <sup>st</sup> Installment	137,500	137,500	4,044
2 <sup>nd</sup> Installment	137,500	137,500	4,044
3 <sup>rd</sup> Installment	112,500	137,500	4,044
4 <sup>th</sup> Installment	112,500	137,500	4,044
Total	500,000	550,000	16,176

Theophane Venard School of Biotechnology

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E-mail: biotech@au.edu

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[www.facebook.com/BiotABAC](http://www.facebook.com/BiotABAC)  
Website: [biotech.au.edu](http://biotech.au.edu)  
Line: @au\_biotech

Note:

1. The total fee above doesn't cover the followings:
  - Admission fee
  - Text books
2. The fees are subject to change at the university's discretion without prior notice.
3. Currency exchange rate: US \$1 = THB 32

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.

The University Registrar : Last updated April 2024

UNIVERSITY ADMISSIONS CENTER

ASSUMPTION UNIVERSITY

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