



## MASTER OF SCIENCE IN FOOD BIOTECHNOLOGY

DURATION 1-2 YEARS , FULL-TIME

**50%**  
Scholarships\*

\*For those who graduated from Assumption University and our MOU may be granted to get 50% discount of all tuition fees.

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.
3. Obtain a TOEFL score of at least 575 or equivalent or pass the English Proficiency Examination of the Office of Graduate Studies, Assumption University. The applicants may enroll in the English course and pass English Proficiency Examination arranged by Office of Graduate Studies with the approval from the admission committee.

### 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.

### ENTRANCE 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 residence registration (1 copy) - for Thai applicants
5. Passport (1 copy) - for Non-Thai applicants
6. Three (1x1.5 inches) photographs (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

(English Proficiency Test and Interview)  
(Non-refundable)

### 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 (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 <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)



## ADMISSIONS SCHEDULE 2023 / 2024

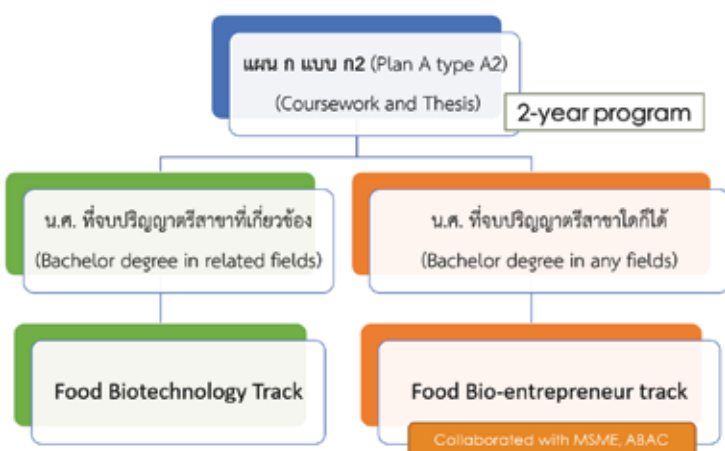
	Semester 1/2023 (June-October 2023)	Semester 2/2023 (November 2023 - February 2024)
<b>Application Deadline</b>	<b>15 May 2023</b>	<b>20 October 2023</b>
AU EPS Test and Interview	Online (18-26 May 2023)	Online (24-30 October 2023)
Entrance Results	30 May 2023	30 October 2023
Registration Period	6-9 June 2023	1-8 November 2023
<b>Instruction Begins</b>	<b>19 June 2023</b>	<b>25 November 2023</b>

## STUDY PLAN AND CURRICULUM STRUCTURE

### Plan A type A1 (Thesis only)

3 Seminar courses	0 Credits
Thesis	36 Credits
<b>Total</b>	<b>36 Credits</b>
Thesis Exam	

### Plan A type A2 (Coursework 24 credits and Thesis 12 credits)



### Plan A type A2 (Food Biotechnology Track)

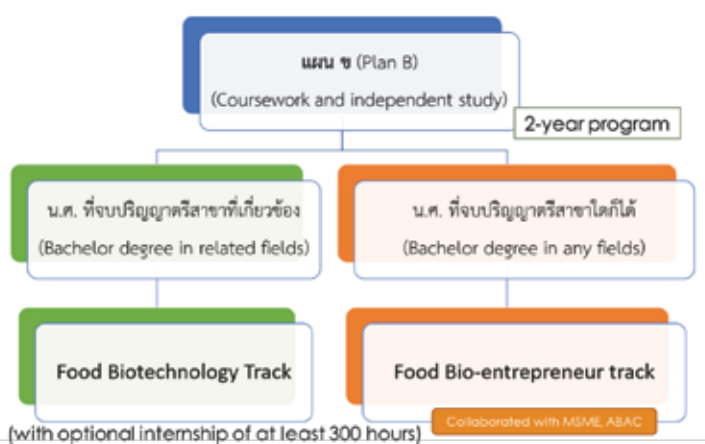
1 Core Courses	6 Credits
2 Required Courses	9 Credits
3 Elective Courses	6 Credits
4 Seminar	3 Credits
5 Thesis	12 Credits
<b>Total Credits</b>	<b>36 Credits</b>

### Plan A type A2 (Food Bio-Entrepreneur Track)

1 Core Courses	6 Credits
2 Required Courses	9 Credits
3 Elective Courses	6 Credits
4 Seminar	3 Credits
5 Thesis	12 Credits
<b>Total Credits</b>	<b>36 Credits</b>

The program is 1-2 years program offered in 3 different plans with 2 different tracks (with total credits of 36 credits):

### Plan B (Coursework 30 credits and Independent Study 6 credits)



### Plan B (Food Biotechnology Track)

1 Core Courses	6 Credits
2 Required Courses	9 Credits
3 Elective Courses	12 Credits
4 Seminar	3 Credits
5 Thesis	6 Credits
<b>Total Credits</b>	<b>36 Credits</b>

### Plan B (Food Bio-Entrepreneur Track)

1 Core Courses	6 Credits
2 Required Courses	9 Credits
3 Elective Courses	12 Credits
4 Seminar	3 Credits
5 Thesis	6 Credits
<b>Total Credits</b>	<b>36 Credits</b>

## ESTIMATED EXPENSES

Installments	Thai Students (THB)	Non Thai Students (THB)	(US\$)
1 <sup>st</sup> Installments	137,500	137,500	4,583
2 <sup>nd</sup> Installments	137,500	137,500	4,583
3 <sup>rd</sup> Installments	112,500	137,500	4,583
4 <sup>th</sup> Installments	112,500	137,500	4,583
<b>Total</b>	<b>500,000</b>	<b>550,000</b>	<b>18,333</b>

Note:

- The total fee above doesn't cover the followings:
  - Admission fee
  - Text books
- The fees are subject to change at the university's discretion without prior notice.
- Currency exchange rate: US \$1 = THB 30



**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: November 2021

## APPLICATIONS

### Hua Mak Campus

Admissions Center "A" Building, 1<sup>st</sup> floor,  
Ramkhamhaeng 24 Road, Bangkok 10240 Thailand

#### Office hours:

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.

### Suvarnabhumi Campus

Admissions Center SR101,  
88 Moo 8 Bang Na-Trad Km.26, Bangsangthong,  
Samuthprakarn, Thailand 10540

#### Office hours:

Monday - Friday	08:30 A.M. to 05:00 P.M.
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## FACTULY OF BIOTECHNOLOGY

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[www.biotech.au.edu](http://www.biotech.au.edu)



## UNIVERSITY ADMISSIONS CENTER

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