## Qualifications for Admission

- Candidates are required to hold a bachelor’s degree in Food Science and Technology, Biological Science, Biotechnology or related fields.
- Candidates who do not hold the degree as specified will be requested to enroll in foundation courses.
- Candidates must have earned a G.P.A. of at least 2.5 on a scale of 4.0.
- Candidates must have earned a score of 575 or above on the TOEFL or 6.0 or above on the IELTS test; if not, they have to take the TOEFL or IELTS test and obtain the specified score.

## Entrance Requirements

1. A completed application form
2. Official transcript of the previous university attended (2 copies)
3. Bachelor’s Degree Certificate (2 copies)
4. Identification card (2 copies)
5. Residence Registration or passport (2 copies)
6. Six (1”x1”) Photographs (non graduation photo)
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.

## Admission & Examination Fees

<table>
<thead>
<tr>
<th>Request</th>
<th>Semester I 2017 Batch 22</th>
<th>Semester II 2017 Batch 23</th>
<th>Semester I 2018 Batch 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Fee</td>
<td>Baht 500</td>
<td>Baht 500</td>
<td>Baht 500</td>
</tr>
<tr>
<td>Specific Knowledge in Biotechnology Interview</td>
<td>Baht 1,000</td>
<td>Baht 1,000</td>
<td>Baht 1,000</td>
</tr>
</tbody>
</table>

## Exemption

The English part of Food Biotechnology entrance examination may be exempted if you satisfy with the followings:
- a TOEFL score of at least 575 (validation of within 2 years)
- a Bachelor's degree or a higher degree from native English speaking countries (e.g. USA, Canada, UK, Australia)

## Study System

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st semester</th>
<th>2nd semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>August-December</td>
<td>January-June</td>
<td></td>
</tr>
</tbody>
</table>

## Venue & Class Hours

- Hua Mak Campus, Ramkhamhaeng 24 Road
- Mon-Fri: 9:30-17:00 hrs.

## 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 least 3.0 GPA.
4. Submit the thesis and pass the thesis examination (thesis option) or complete master thesis project and pass comprehensive examination (non-thesis program).
MAJOR: FOOD BIOTECHNOLOGY

STUDY PLAN AND CURRICULUM STRUCTURE

Students may choose the option for plan A, B, or plan C.

PLAN A Type A1: (Thesis Only)

- 3 Seminar courses: 0 Credits
- Thesis: 36 Credits
- Total: 36 Credits
- Thesis Exam

PLAN A Type A2: (Thesis + Course Work)

- 4 required courses: 12 Credits
- 4 General elective courses: 12 Credits
- 3 Seminar courses: 3 Credits
- Thesis: 12 Credits
- Total: 39 Credits
- Thesis Exam

PLAN B: (Coursework and Independent Study)

- 4 required courses: 12 Credits
- 6 General elective courses: 18 Credits
- 3 Seminar courses: 3 Credits
- Independent Study: 6 Credits
- Total: 39 Credits
- Comprehensive Exam

ESTIMATED EXPENSES

Fee descriptions

<table>
<thead>
<tr>
<th>Enrollment fees</th>
<th>THB</th>
<th>US$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matriculation fee (Thai students)</td>
<td>9,000</td>
<td>300</td>
</tr>
<tr>
<td>Matriculation fee (non-Thai students)</td>
<td>21,500</td>
<td>717</td>
</tr>
<tr>
<td>Student's activities fee</td>
<td>6,000</td>
<td>200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration fees / semester:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition fee (THB 4,000 x 39 credits)</td>
</tr>
<tr>
<td>University fee (THB 17,400 x 4 semesters)</td>
</tr>
<tr>
<td>Annual internet &amp; access control fees, (THB 2,400 / year)</td>
</tr>
<tr>
<td>Annual health &amp; life insurance fee (non-Thai students, THB 5,000 / year)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis defense</td>
</tr>
</tbody>
</table>

| Approximate total for Thai students | 248,700 | 8,290 |
| Approximate total for non-Thai students | 271,200 | 9,040 |

Note:

1. Tuition fee doesn't cover the following:
   - Admission fee
   - Tuition fee for non-credit courses
   - Textbooks
   - 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 30 = US$ 1

Required Courses:

- FB 5101: Aspects in Biotechnology
- FB 5102: Economics of Resources, Agriculture, and Food
- FB 5106: Advanced Food Processing
- FB 6146: Advanced Food Microbiology
- Graduate Student Seminar
- FB 508A: Graduate Student Seminar
- FB 508B: Graduate Student Seminar
- FB 508C: 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 Sustainable Analysis

Thesis Research:

- FB 81**: Thesis Research 12/36
- FB 8015: Independent study 6

Note:

1. Tuition fee doesn't cover the followings:
   - Admission fee
   - Tuition fee for non-credit courses
   - Textbooks
   - 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 30 = US$ 1

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Email: biotech@au.edu | www.biotech.au.edu
Facebook: www.facebook.com/BioABAC

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: June 2017