



# **iSC Program 2017**

## **APPLICATION GUIDE**

*Industrial Science and Management  
Faculty of Science and Technology  
Thammasat University*

*This booklet is intended to give you the advice on how to apply for ISC-TU entrance candidates. Please read it carefully; its contents will be invaluable in discussion with admission services. The booklet is available to obtain from our website at <http://www.isctu.com>. In order to help the candidates and their parents in following our application process, please check the admission requirement documents before making entries.*

## What is iSC-TU?

*A new, exciting, and rapidly expanding program – The Industrial Science and Management (iSC) program at Thammasat University brings forward a high-standard, international, and competitive environment, fostering innovation, development, and moral commitment to society.*

ISC students have the opportunity to attain a Bachelor of Science in Industrial Science and Management with focus in three fields: *Biotechnology, Food Science and Technology, or Applied Chemistry*. Each of which provides the student with an education tailored to produce confidence and distinction to continue in careers interlinking science and technology, with industry and management.

ISC encourages a diverse faculty with international ties as well as strong background in teaching – all lectures are solely conducted in English. All lecturers have selectively been chosen in order to provide the best educational experience possible for the students at iSC.

Graduating from the iSC program expands the horizon of the pathway the students may choose in their journey to success. Our program brings out the best of the students – providing them with a true challenge and a foundation for excellence.

**JOIN US NOW!**

INTERNATIONAL SCIENCE PROGRAM WITH INDUSTRIAL MANAGEMENT SKILL

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## What makes us different?

We are the first international program in Thailand that incorporates both Science and Management in one educational package. Our curriculum includes the opportunity to gain hands-on experience in industries both by internships and many site visits. The students get a well-rounded education, which will serve as a gateway to further education and/or industrial experiences.

## Who can apply to iSC - TU?

ISC-TU is designed to be taught as a four year course for undergraduate students, suitable for a major in Science. The candidate must complete high school (M.6 or Grade 12) with a certificate or its equivalent as issued by the Ministry of Education, Thailand. Applicants must demonstrate English competence with one of the following test results;

- TOEFL (IBT) > 50 (internet), 460 (paper)
- IELTS (academic band) > 4.5
- TU-GET > 450

## Subjects we Offer

Faculty of Science and Technology offers Bachelor of Science degree in Industrial Science and Management with three major focuses:

- Biotechnology
- Applied Chemistry
- Food Science and Technology

Each major has its own core and industrial-oriented courses of 32 credits from total of 139 credits. Respectively, there are 30 credits of general education offered by Thammasat University throughout the four year course.

**First year**, courses are mainly **Mathematics & Science education**.

**Second year**, students will enter the major that is most appropriate for them, finalized by their GPA and announced by ISC committee. There are **Management & Industrial-Oriented Courses** of 18 credits also arranged by ISC-TU throughout four year course for students in all majors to study together

**Third year**, there is a choice between core and extended curricula in each major. Students will spend a minimum of 180 hours during summer conducting **Field Training** to gain valuable industry experience by doing hands-on work solving private or public sector challenges.

**Fourth year**, courses are focused on **Professional Skill & Training courses** of 8 credits with Presentation Skill for Industrial Sciences and Management Seminar and Special Problems in Sciences and Technology.

## Academic Curriculum

Year 1	Physics	Chemistry	Biology	Calculus	General Education
Year 2	Organic Chemistry	Biochemistry	Statistics	General Education/ Management option	Inorganic chemistry
	Analytical Chemistry	Physical Chemistry	Accounting		Food law
Year 3	Process Engineer	Management option	Chemistry Option	Training (>180 hrs)	
			Food S&T Option		
			Biotechnology option		
Year 4	Seminar	Management option	Chemistry Option	Free elective	
	Project		Food S&T Option		
			Biotechnology option		

## How do I apply?

In order to apply, please visit <http://www.isctu.com> (and press the “apply now” button) or visit <http://inbdbiz.com/tuinter/> directly. All documents must be certified true copy by the applicant and scan as files to use for apply online. Please prepare all documents in .jpg / .jpeg/ .gif/ .png/ .pdf/ .zip (5MB limited). Fill in all necessary information as stated in the online form.

## What documents are required for the application?

Applicants must apply Online only and scan all documents in pdf files and ready for upload in application process. The original documents must be available for the interview

- ✓ 1-inch photograph (wearing uniform if possible)
- ✓ Photocopy of official high school transcript
- ✓ Photocopy of educational equivalent certificate issued by the Ministry of Education in Thailand for applicants who graduated from a high school abroad or an unaccredited international high school in Thailand.
- ✓ Official report of English Proficiency Test
  - TOEFL (IBT) > 50 or (computer based) > 460 or above (paper based) or
  - IELTS (academic band) > 4.5 or
  - TU-Get > 450
- ✓ Photocopy of official identification document or passport
- ✓ Photocopy of official house registration (Thai students only)
- ✓ Statement of purpose no more than 500 words or A4
- ✓ Photocopy of Application Fee 500 Baht/ US\$15  
The application fee is 500 Baht (or US\$ 15) paid via SCB using our pay-slip provided after completing Online application process. Please, fax or scan and e-mail to us after making the payment (for successful application, one must pay within final date of each application round).
- ✓ Official report of Science Proficiency Test\* (*optional*)
  - Scholastic Aptitude Test (SAT) or
  - International General Certificate of Secondary Education (IGCSE) or
  - General Certificate of Secondary Education (GCSE) or
  - International Baccalaureate (IB) Diploma or
  - 6th Form or 7th Form or NCEA or NZQA or
  - National Test Scores (O-NET, GAT, PAT 1 or PAT2)

## iSC Admission Schedule 2017

	Final Round
Application Date	22 May - 11 Jun 17
Announcement of Interview	30 Jun 17
Examination Date	3 Jul 17
Announcement of Candidates	7 Jul 17
Enrollment Confirmation	11 Jul 17

### What are the weights assigned on English Score and the interview for successful candidates?

The English competency scores	25%
A cumulative GPA for 5 terms in high school	25%
Interview	30%
Statement of Purpose	20%
1) On Website	10%
2) On Examination day	10%
Total	100%

### Registration fees for 2017 admission

Student enquiries about application fees must be directed to the ISC-TU office before the payment via SCB as these will be informed to successful candidates. You are advised to ensure that you are fully prepared to sit in the program. All fees cannot be refunded, deferred or transferred from one student to another. The following are approximate fees and may change without prior notice. The fee is charged per credit; please refer to the list below for the subject fees (\$ in USD):

Application Fee:	500 Baht (\$15)
Administration Fees:	24,000 Baht/Semester (\$800)
Registration Fee:	6000 Baht/Semester (\$80)
Tuition Fees:	2,400 Baht/Lecture credit (\$80) 3,400 Baht/Lab credit (\$110)

The tuition and registration fees are approximately 150,000 baht/year, and roughly 600,000 baht per 4-year-course. The actual amount depends on number of credits registered in each semester. These fees are not included living expenses and accommodation.

## Contact US

Industrial Science and Management  
(The international program)  
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Facebook: <http://www.facebook.com/iSC.TU>

Line ID: [isc.tu](https://www.line.me/tv/isc.tu)

Opening hours: Mondays to Fridays 9.00 to 16.30 hrs

### Disclaimer

The ISC-TU by Faculty of Science and Technology and the Executive Boards take all reasonable steps to provide continuity of education service. We feel sure you will understand, however, that we cannot be held responsible for any interruptions caused by circumstances beyond our control. If interview examination or their results are disrupted, cancelled or delayed, every effort will be made to resume normal service for examination and entrance process as soon as possible.