

**Course title**

**Master of Science Program in Biology  
(International Program)**

**Master Degree:** Master of Science Program in Biology (International Program)

**Academic Institution:** Faculty of Science, Prince of Songkla University, Songkla

**Duration:** 2 years

**Objectives** Students are able to conduct experiment, analyses and synthesize research in their selected fields, and be able to deliver such knowledge to public. The course will be emphasized on the current issue of climate changes, biodiversity, ecology and conservation.

**Course synopsis and methodology:**

Students need 36 credits including 2 credits of seminar I and II (core courses) and 14 credits (elected courses) for interested subjects, and 20 credits for thesis. We offer various courses covering all levels of biology studies from cells to ecosystem both in botany, zoology and ecology, and also in terrestrial, freshwater and marine ecosystems. Students will be provided with the essential courses to carry out their research such as experimental designs and scientific enquiries. Various tools in biological studies are also provided e.g. molecular techniques, field and laboratory techniques in various field of studies e.g. taxonomy and systematics, physiology and ecology.

**Course content study topic:**

The study topics can range from: taxonomy, systematic, biogeography, animal behavior, plant-animal interactions, marine, freshwater and terrestrial ecology and conservation. In addition, there are a few number of research units that students could pick for their field of research e.g. plant research unit, physiology research unit, plankton research unit, coral research unit, seaweed and seagrass research unit, amphibian and reptile research unit, fish and crustacean research unit, bat and small mammal research unit. Those are with collaborations with Excellence Centre for Biodiversity of Peninsular Thailand and Prince MahaChackriSirindhorn Natural History Museum.

**Qualifications:**

1. Hold BSc in Biology or equivalent with GPA 2.75 or >2 years experiences in biology-related work.
2. TOEFL (Paper Based) >500, TOEFL (Computer Based) >150, TOEFL (Internet Based, iBT) >64, IELTS >5.0

**Document required:** BSc transcript, CV and English test

**Late or incomplete applications/document will not be considered**



Thailand International Cooperation Agency  
Ministry of Foreign Affairs of Thailand

GUIDELINES

for Thailand International Postgraduate Programme (TIPP)

1. Qualifications

- 1.1 Candidates must be nominated by central government agencies in a country from the TIPP eligible countries/territories list. (See "List of Eligible Countries/Territories")
- 1.2 Candidates should be an officer or agent (preferably from government agencies currently working in the area related to the course provided)
- 1.3 Candidates must have bachelor degree and/or professional, experience related field or related to graduate degree.
- 1.4 Candidates must have a good command of English.
- 1.5 Candidates whose English is not the first language/Bachelor's degree was not taught in English/who is from a country other than New Zealand, USA, the United Kingdom, Australia, Canada has to pass an English language proficiency test according to criteria announced by University regulations.
- 1.6 It is recommended that candidates be less than 50 years of age
- 1.7 Candidates must have good physical and mental condition
- 1.8 TICA reserves the rights to revoke scholarship offered to participants who are pregnant during the period of study or violate rules and regulations
- 1.9 Other requirement apart from these will be under consideration by the University regulations.

## 2. Procedures for submission of nominations

2.1 Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work. Nomination must be in line with relevant rules and regulations of the nominating countries/territories.

Each eligible country/territory can nominate up to five (5) candidates per academic program.

2.2 The nomination must be supported by the following four (5) documents:

- Application form
- Medical Report
- Transcript
- Recommendation letters
- English score (e.g. TOEFL/IELTS)

One original with two (2) copies of all forms duly filled out, counter signed and stamped by the authorized person must be submitted.

2.3 The nomination must be submitted to TCA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. (See "List of Eligible Countries/Territories")

2.4 Originals of nomination documents, duly filled out, must be received no later than a specified deadline of each academic program.

2.5 Application form must be filled in typed-block letter. Soft file of the Application Form and Medical Report Form can be found at

<http://www.tica.thaigov.net/main/contents/files/information-20161217-152430-795372.pdf>

### **3. Selection of candidates**

3.1 In considering applications, particular attention shall be paid to the candidates' academic background, their current position in the service of their Government, and practical use they expect to make of the knowledge and experience gained from graduate on the return to their Government positions.

3.2 Selection of Candidates is also based on geographical distribution and gender balance, unless priority is set for particular country/ group of countries

### **4. Condition for Attendance**

4.1 Awardees are required to study full time and not to change the program topic/ study plan

4.2 Any part time employment is not allowed

4.3 Awardees are not allowed to bring any family members to stay with them during study.

### **5. Travel and financial arrangements**

5.1 Successful candidates will be offered an award which covers

- Return economy class airfare
- Accommodation allowance
- Living allowance
- Book allowance
- Thesis allowance
- Settlement allowance
- Insurance
- Airport meeting service

Awardees must cover all costs arising from visa application (i.e. visa fee, travel cost to the Royal Thai Embassy/ Consulate, postal fee (in case visa application is made by post), transit visa fee (in case participants needs to apply for visa to Thailand at a transit country)). The visa fee can be reimbursed upon presenting an original receipt of the fee but not exceed 2,000 THB.

Awardees must not bring their family members with them during their scholarship program. Awardees in the scholarship program cannot be used as reference for visa application to Thailand of his/her family member.

#### 6. Contact

For more information, please contact:

Bureau of International Cooperation on Human Resource Development

Thailand International Cooperation Agency (TICA)

Government Complex, Building B (South Zone), 8<sup>th</sup> Floor,

Chaengwattana Rd. Laksi District,

Bangkok 10210

THAILAND

Website : [www.tica.thaigov.net](http://www.tica.thaigov.net)

Email : [pattara\\_pattinson@hotmail.com](mailto:pattara_pattinson@hotmail.com)

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Thailand International Development Cooperation Agency (TICA)  
Ministry of Foreign Affairs

APPLICATION FORM  
for Thailand International Postgraduate Programme: TIPP

FOR OFFICIAL USE ONLY  
Reference No. ....  
Received .....  
Checked .....

**INSTRUCTIONS**

This application form is composed of five parts. Part A to part E should be completed in triplicate, part A to part D should be completed by the candidate and part E by the government authority. **All application form must be filled in typewritten form.** Each question must be answered clearly and completely. Detailed answers are required in order to make the most appropriate arrangements. Official authority of the nominating Government will then forward three copies of original of all certified application forms to the Thailand International Cooperation Agency (TICA), the Government Complex, Building B (South Zone), 8<sup>th</sup> Floor, Chaengwattana Road, Laksi District, Bangkok 10210, THAILAND, through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate – General accredited to eligible territories. The nominee is required to attach medical report or health status certification. No consideration will be given to the late submissions or incomplete applications/documents.

(Please attach  
photograph here)

Course Name: .....

**A. PERSONAL HISTORY**

Title	Family name (as shown in passport and kindly attach the copy of your passport, information will be used for travel arrangement)	Middle name	Given name	Gender	
<input type="radio"/> Mr <input type="radio"/> Mrs <input type="radio"/> Ms. <input type="radio"/> .....				<input type="radio"/> Male <input type="radio"/> Female	
City and country of birth	Nationality	Date of birth (DD/MM/YY)	Age	Marital Status	Religion
Work address (Please complete this section as clear as possible, information will be used for travel arrangements.)			Home address (Please complete this section as clear as possible, information will be used for travel arrangements.)		
Fax No: (Country Code / Area Code/ Number)		Telephone No:	Telephone No:	Fax No:	
			International Airport/City for departure:		
Update email address:					
Name and address of person to be notified in case of emergency					
Telephone No: ..... Relationship of this person to you .....					

Languages:	READ			WRITE			SPEAK		
	Excellent	Good	Fair	Excellent	Good	Fair	Excellent	Good	Fair
Mother tongue									
English									
Others:0									
English Proficiency Test (please attach)				<input type="checkbox"/> TOEFL Score		<input type="checkbox"/> IELTS Score			
(only a candidate for a degree course)				<input type="checkbox"/> Other (specify)					

EDUCATION RECORD					
Education Institution	City / Country	Years Attended		Degrees, Diplomas and Certificates	Special fields of study
		From	To		

Have you ever been trained/studied in Thailand? If yes, what course, where and for how long?

No

Yes, please specify.....

Please give a list of relevant publications/researches (do not attach details)

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.....

.....

**B. EMPLOYMENT RECORD:** It is important to give complete information. For each post you have occupied, give details of your duties and responsibilities.

Present or most recent post :	Description of your work, including your personal responsibilities
Dates from _____ to _____	
Title of your post:	
Name of organisation:	
Type of organisation:	
Official address:	
Previous post :	Description of your work, including your personal responsibilities
Dates from _____ to _____	
Title of your post:	
Name of organisation:	
Type of organisation:	
Official address:	

**C. REFERENCES:** Please attach the recommendation letters from three (3) persons acquainted with your academic and professional experiences.



**D. EXPECTATIONS**

Please describe the practical use you will make of this training/study on your return home in relation to the responsibilities you expect to assume and the conditions existing in your country in the field of your training (Give the attached paper, if necessary)

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I certify that my statements in answer to the foregoing questions are true, complete and correct

If accepted for a scholarship award, I undertake to:-

- a) carry out such instructions and abide by such conditions as stipulated by both the nominating government and the host government in respect of this program of scholarship;
- b) follow the program of scholarship, and abide by the rules of the University and Thailand International Cooperation Agency in which I undertake the scholarship.
- c) refrain from engaging in political activities, or any form of employment for profit or gain;
- d) study full time, make academic progress and submit progress reports to Thailand International Cooperation Agency;
- e) not bring any member of my family to stay with me during the course;
- f) return to my home country promptly upon the completion of my program of scholarship.

I also fully understand that if I am granted a scholarship award and violate Thailand International Cooperation Agency's rules and regulations, I may be required to return part or all of the scholarship paid, depending on the severity of the violation, without any appeal.

Signature of applicant: .....  
Printed name: .....  
Date: .....

**E. GOVERNMENT AUTHORISATION:** To be completed by the central government agencies in charge of nomination of the candidates (see guideline for TIPP for detailed information on nomination.)

I certify that, to the best of my knowledge,

- (a) all information supplied by the nominee is complete and correct;
- (b) the nominee has adequate knowledge and experience in related fields and has adequate English proficiency for the purpose of the scholarship in Thailand.

On return from the scholarship, the nominee will be employed in the following position:

Title of post .....  
Duties and responsibilities: .....

.....  
*Signature of responsible Government official*

(Official stamp)

Title: .....  
Organisation: .....  
Official address: .....  
.....  
Date: .....

MEDICAL REPORT			
Name of Nominee .....		Age .....	Gender .....
Country .....			
Physical Examination (To be filled in by physician)			
Height .....	Cms.	Weight .....	kgs.
Blood Pressure .....		mm Hg	Pulse .....
Vision Right .....		Left .....	Eyes .....
		With glasses / Without glasses	
Check each item in appropriate column			
Items	Normal	Abnormal	Additional Comments
General	<input type="radio"/>	<input type="radio"/>	.....
Skin, Scalp	<input type="radio"/>	<input type="radio"/>	.....
Lymph nodes	<input type="radio"/>	<input type="radio"/>	.....
Eyes	<input type="radio"/>	<input type="radio"/>	.....
Ears	<input type="radio"/>	<input type="radio"/>	.....
<b>Orthoscopic Exam</b>			
Nose	<input type="radio"/>	<input type="radio"/>	.....
Pharynx & tonsils	<input type="radio"/>	<input type="radio"/>	.....
Teeth	<input type="radio"/>	<input type="radio"/>	.....
Thyroid gland	<input type="radio"/>	<input type="radio"/>	.....
Lungs	<input type="radio"/>	<input type="radio"/>	.....
Heart	<input type="radio"/>	<input type="radio"/>	.....
Abdomen	<input type="radio"/>	<input type="radio"/>	.....
Liver	<input type="radio"/>	<input type="radio"/>	.....
Spleen	<input type="radio"/>	<input type="radio"/>	.....
Hernia	<input type="radio"/>	<input type="radio"/>	.....
External genitalia	<input type="radio"/>	<input type="radio"/>	.....
Rectal exam	<input type="radio"/>	<input type="radio"/>	.....
Vertebrae	<input type="radio"/>	<input type="radio"/>	.....
Locomotor	<input type="radio"/>	<input type="radio"/>	.....
Reflejes	<input type="radio"/>	<input type="radio"/>	.....
Mental Health status	<input type="radio"/>	<input type="radio"/>	.....

**LABORATORY EXAMINATIONS**

Blood group ..... Blood film for malaria ..... Hb ..... gm%

WBC ..... Cells/cu.mm.

Differential PMN ..... % Lymph ..... % Mono ..... % Eos ..... %  
Baso ..... % Band ..... % Blast ..... %

Colour ..... Sp. Gr ..... pH .....

Sugar .....

Alt ..... Blood ..... Ketones ..... Bile .....

Micro: WBC ...../HPF, RBC ...../HPF, Epithelial ...../HPF.

Casts ...../HPF, Others .....

Stool examination for parasite & Ova .....

Chest X - Ray report .....

Urine pregnancy test .....

Is the person examined at present in good health and able to work full time?  
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Is the nominee able physically and mentally to carry on intensive study away from home?  
.....

Is the nominee free from infectious diseases (such as tuberculosis, leprosy, syphilis and filariasis) and other conditions (such as psychosis and drug addiction) which could present risks for anyone during the scholarship period?  
.....

(For female nominee) Is the person examined pregnant?  
.....

Does the nominee have any condition or defect which might require treatment during the scholarship period?  
.....

I certify that the applicant is medically fit to undertake the scholarship in Thailand

Physician signature (with stamp) ..... M.D.

(.....)  
Full name and address of Examining physician (printed)

Place and Date.....

Telephone: .....  
(printed)

e-mail: .....