

PROSPECTUS 2010-2011

Master of Tropical Medicine



Graduate School of Biomedical Sciences,
Nagasaki University

1. Essential Information

1-1 Background:

Since late twentieth century, we have renewed our recognition of the threat incurred by many emerging and re-emerging infectious diseases that often originate in the tropical and developing countries. The speed at which these infectious diseases spread from one country to another has been accelerating due to ever-expanding economic activities and international travels. Such recognition has brought tropical medicine, the field of medicine with which we address these issues, back into the limelight.

The Graduate School of Biomedical Sciences at Nagasaki University is the only school in Japan that runs a PhD course specializing in emerging infectious diseases and tropical medicine. Furthermore, the Institute of Tropical Medicine, Nagasaki University has been playing a central role in medical research in the tropics, human development and providing human resources for disease control programs overseas.

Since April 2006, the Graduate School of Biomedical Sciences at Nagasaki University has integrated in its postgraduate education the Master of Tropical Medicine course with the aim of (1) equipping medical doctors with practical knowledge and problem-solving skills that are directly relevant to clinical practice in the tropics, and (2) contributing to the global efforts to reduce the burden of tropical and infectious diseases.

1-2 Admission Policy:

This course aims to provide its students with opportunities to learn a broad range of skills and knowledge relevant to practicing medicine, formulating disease control programs and conducting medical research in tropical and developing countries. It also aims to provide students with an ability to solve practical problems they are likely to encounter in the tropics by applying the principles of epidemiology and the methods of state-of-the-art molecular medicine.

This course is particularly suitable for medical doctors with at least 2 years of clinical experience who have strong interests in infectious diseases occurring primarily in the tropics or have future plans of working in tropical countries.

1-3 Contents of the course:

The course consists of three components: a) lectures, tutorials and practicals (laboratory practices); b) overseas clinical training; and c) a research project. Students are required to attend all components and demonstrate fulfillment of learning objectives by passing formal examinations and, for the research project, by submitting a Master thesis in order to obtain the Master degree in Tropical Medicine from Nagasaki University.

a. Lectures and Practicals (from April to July)

Lectures and practicals aim to teach essential and advanced knowledge of clinical infectious diseases with reference to microbiology, virology, parasitology and entomology. It will also build up diagnostic laboratory skills and epidemiological skills including study design, data management and medical statistics. The course will hold a series of case discussions on clinical cases and disease outbreaks with particular focus on diagnosis, treatment, prevention and control.

b. Overseas Training (August)

All students will travel to Thailand and stay for two weeks where they will visit local hospitals, other health facilities, internationally recognized research groups, and non-governmental organizations. The activities will be hosted and supervised by a Division in the Ministry of Public Health of Thailand. In the hospitals, students will attend ward rounds and have case discussions. Elsewhere, the topics covered include the role of reference laboratories and disease surveillance, outbreak investigations, international research and policy collaboration, and community health.

c. Research Project (from September to March)

All students will be assigned to conduct a research project under the supervision of professors and will submit a Master thesis. As an alternative to Master thesis, Japanese students may take an up-to-five-months overseas clinical training in which the writing of a report on cases is required. The training will be done at our affiliated infectious disease hospitals, Bach Mai Hospital in Hanoi, Vietnam or San Lazaro Hospital in Manila, the Philippines.

2. APPLICATION PROCEDURES

The Application Forms (other forms than application fee form) can be downloaded from the internet website (<http://www.tm.nagasaki-u.ac.jp/mtm/index.html>). These Forms are in Microsoft Word format. If you have any problems obtaining the forms, you should contact us. You must apply either as a Japanese applicant or a non-Japanese applicant based on your nationality. If you have Japanese nationality but live outside Japan, you should still apply as a Japanese applicant.

Registration:

Twelve students will be registered for admission into the course. There are two periods of recruitment: 8 places are available for Autumn 2009 recruitment for non-Japanese applicants and 4 places for Spring 2010 recruitment for Japanese applicants.

Recruitment Period	Places Available
Autumn 2009	8
Spring 2010	4

Course duration:

One year either from 1 April 2010 to 31 March 2011 or from 1 October 2010 to 30 September 2011. The second option is only for non-Japanese applicants in Autumn Recruitment.

Recruitment	Course duration
Autumn Recruitment	1 April 2010 – 31 March 2011
	1 October 2010– 30 September 2011
Spring Recruitment	1 April 2010 – 31 March 2011

Entrance Requirements:

Applicants must have a degree in medicine. In addition, he or she must have at least two years of clinical experience or recent professional experience in a relevant discipline.

Note: If you do not have two years of clinical experience but have recent professional experience in a relevant discipline, please check your eligibility for application by contacting the course coordinator at hi-sato@nagasaki-u.ac.jp prior to sending a full

package of application documents. You may contact us in Japanese if preferred.

Application Period

Recruitment	Application Period
Autumn Recruitment	2 November – 13 November 2009
Spring Recruitment	21 December 2009 – 8 January 2010

Address for Sending the Application:

The Registry,
Administration Office,
Graduate School of Biomedical Sciences,
Nagasaki University,
1-12-4 Sakamoto,
Nagasaki, JAPAN 852-8523

2-A How to Apply (for Japanese applicants):

List of documents to submit for application (you must submit a complete set of documents by ‘registered letter’)

Documents	Details
Application Form	Use Form 1
Applicant Photo ID Form	Use Form 2 You should provide 2 portrait photographs. They must be 4cm x 3cm in size, showing your entire face with no hat, and taken from the front within 3 months of the application.
Bank Receipt of Application Fee 検定料納付証明書貼付票	Use Form 2 Application Fee: Make sure that the bank stamp is on the transfer note (receipt) to verify payment of Application Fee. 検定料納付証明書貼付票には、各種銀行の「取扱銀行収納印」が押印された「検定料納付証明書」を貼り付けること
A photocopy of your medical degree certificate	医学部、又は医科大学の卒業証明書の写し
A photocopy of your	医師免許証の写し

doctor's license	
Reference Letter (as proof of clinical experience/employment)	Reference letter(s) from your previous supervisor(s) who can confirm your two years of clinical experience. 業務歴・内容証明に相当するもの
Personal Statement	Use Form 3 to state why you are applying to this course.
Application Fee (検定料)	<p>Payment of ¥30,000 should be made during the Application Period.</p> <p>Note the following:</p> <ol style="list-style-type: none"> 1) Payment should be made using the specified form (please contact the administration office in order for us to send you this form as it is not valid if you download the sheet.). Do <u>not</u> use ATM. 2) Application Fee shall not be returned for any reason once eligibility is confirmed and processing begins. 3) Payment should be made to the University either through a bank or a post office. 4) Transfer Fee for making this payment will be on your charge. 5) The proof of transfer by the bank or the post office should be included (this proof should have the bank or post office seal/stamp). <p>1) 所定の「振込用紙」を使用すること。振込用紙の入手のため、必ず、医歯薬学総合研究科事務へ募集要項を請求すること。(募集要項送料：普通 200 円，速達 470 円) ATM は使用不可。</p> <p>2) 既納の検定料は出願書が受理された後はいかなる理由があっても返還しない。</p> <p>3) 各種銀行または郵便局の受付窓口で振り込むこと。</p> <p>4) 振込手数料は入学志願者本人の負担となる。</p> <p>5) 「郵便振替払込納付証明書」を受付窓口から受け取る際は、必ず取扱銀行収納印を確認すること。(押印がない場合は出願を受理しない。)</p>
Self-addressed Envelope	Enclose an envelope with your name, address and postal code, and a ¥350 postage stamp attached (Express Mail). You will receive your Application ID form in this envelope.

2-B How to Apply (for non-Japanese applicants):

All non-Japanese applicants must contact the course coordinator by emailing hi-sato@nagasaki-u.ac.jp before submitting the application. Eligibility for application will be confirmed during this process. Please call during office hours (9 a.m. to 5 p.m.). The local time in Japan is 9 hours ahead of Greenwich Mean Time (GMT).

List of documents to submit for application

As a rule, all documents should be submitted by post and should reach us by the specified dates shown in Section 2-C. However, as an exception, non-Japanese applicants living overseas may submit Forms 1 to 3 (including your ID photograph data file) by e-mail attachments to hi-sato@nagasaki-u.ac.jp to ensure that these documents reach us by the deadline. Other documents may be accepted provided they were sent before the deadline.

Documents	Details
Application Form	Use Form 1
Applicant Photo ID Form	Use Form 2 You should provide 2 portrait photographs. They must be 4cm x 3cm in size, showing your entire face with no hat, and taken from the front within 3 months of the application.
A photocopy of your medical degree certificate	If these documents are written in languages other than English, you must provide additional letters with English translation.
A photocopy of your medical practitioner license/registration	
Details of your overall academic performance	Issued by the institute of your medical education. This document should be endorsed or signed by the Dean.
Reference letter (as proof of clinical experience/employment)	Reference letter(s) from your previous supervisor(s) who can confirm your two years of clinical experience.
Personal Statement	Use Form 3 to state why you are applying to this course.

Application Fee	Payment of ¥30,000 must be made during the Application Period. You will be given instructions on how to do this when you first contact us.
Foreigners Registry Certificate	If you have already acquired Foreigners Registry Certificate in Japan, you should submit a copy. If you do not have the certificate and your stay in Japan does not exceed 90 days, you are to bring your passport at your interview.

2-C Deadline for Application (both Japanese and non-Japanese applicants)

Recruitment	Deadline for Application Submission
Autumn Recruitment	13 November 2009
Spring Recruitment	8 January 2010

3. SELECTION PROCESS

All eligible applications will be processed. The submitted documents will be checked for authenticity and assessed using standardized selection criteria. All applicants will take an examination where questions relevant to the field of tropical medicine/infectious diseases will be asked and English communication skills will be sought.

Examination methods

- Non-Japanese applicants living overseas will be assessed by an interview over the telephone (see 3-A below); the applicants will be provided with details on how the telephone interview will be conducted when they first contact the course staff for eligibility check.
- All Japanese applicants and Non-Japanese applicants living in Japan will be invited to take a written examination and an interview (see 3-B below).

3-A Telephone interview (for non-Japanese applicants living overseas)

Recruitment	Period
Autumn Recruitment	28 November – 30 November 2009

3-B Schedule for examination (for applicants living in Japan)

Examination details				
Date	Time	Place	Subject	Content
22 nd January 2010	9:30~11:00	Nagasaki University, School of Medicine	Written Exam	Questions relevant to the field of tropical medicine and infectious diseases (in English)
	13:00~		Interview	English communication skills

Note:

1. You must enter the examination room by 9 a.m. on the day of examination.
2. DO NOT FORGET to bring your Application ID form.
3. You may bring non-electronic dictionaries to the examination room.
4. Failure to comply with the above may result in rejection of your application.

On the Day of Examination:

(1) **Venue:** School of Medicine, Nagasaki University, 1-12-4 Sakamoto, Nagasaki.

(2) Transportation

<From Nagasaki JR station>

1. Take a tram car bound for “Akasako (赤迫)”, get off at “Hamaguchi-machi (浜口町)” station, then walk for approximately 10 minutes.
2. Take a No. 8 Nagasaki bus for “Shimo-oohashi (下大橋)”, then get off at “Igakubu-mae (医学部前)”
3. Take a taxi to the School of Medicine (approximate fare: ¥1,000).

<From Nagasaki Airport>

Take a limousine bus for Nagasaki-city, get off at “Matsuyama-machi (松山町)”, then walk for approximately 10 minutes.

Other Points to Note (ALL applicants):

- (1) The Registry will not process any incomplete application. Make sure that all your documentation is complete.
- (2) You cannot make any changes to the documentation after submitting your

- application documents.
- (3) The Registry will not return your documentation once submitted.
 - (4) **Your registration may be cancelled in case of any false statement made on your documentation.**
 - (5) The Application Fee will be refunded if payment is made by currencies other than Japanese yen or if it becomes apparent that the applicant is not eligible to apply following initial assessment of the submitted documents. Commission and handling charges will be deducted from the refund.
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Notification of Successful Application (Offer of Admission)

Following the examination, the Application ID number of successful applicants will be reported on the internet homepage of the Graduate School of Biomedical Sciences, Nagasaki University:

URL: <http://www.mdp.nagasaki-u.ac.jp/nyuugaku/nyuugaku.html>

Successful applicants will also receive an offer of admission by post. Please do not contact us regarding the outcome of your application before the Notification Dates.

Notification Date

Recruitment	Date
Autumn Recruitment	7 December 2009
Spring Recruitment	8 February 2010

4. ADMISSION PROCESS: How to Reply to the Offer of Admission

You are requested to respond to the offer of admission by the following procedure:

(1) Registration Period

Recruitment	Period
Autumn Recruitment	4 January 2010 – 8 January 2010 (by 17:00 hours)
Spring Recruitment	15 February 2010 – 22 February 2010 (by 17:00 hours)

(2) Place of Registration

The Registry, Administration Office, Graduate School of Biomedical Sciences,
Nagasaki University

(3) Payment

Admission Fee ¥ 282,000
(Payment should be made during the registration period)
Annual Tuition Fee ¥ 535,800 (this can be paid in two installments)

Note:

- (1) Admission Fee made shall not be returned no matter what reasons given.
- (2) Prior to admission, the Annual Tuition Fee (currently 535,800yen) for the academic year 2009-10 may be subject to change. If such change is made, the notice will be given via the course website (<http://www.tm.nagasaki-u.ac.jp/mtm/index.html>), and admitted students will be expected to pay the revised fee.
- (3) If the Tuition Fee and/or Admission Fee are revised during the academic year, the updated fee will be applied from the date of revision.

Overseas Clinical Training

There is a 2-week Overseas Clinical Training. Students are required to have sufficient funds to cover the travel fees and living expenses for the duration of this training. The estimated cost for the overall trip should be approximately ¥200,000.

Personal Data Protection Policy:

Personal information that you provide in your application pack shall be used only for the selection process and shall not be given to any third party.

<In writing>

The Registry, Administration Office,
Graduate School of Biomedical Sciences,
Nagasaki University,
1-12-4 Sakamoto,
Nagasaki, JAPAN 852-8523

<By telephone>

Course coordinator

Tel: +81-95-819-7834 (from overseas)

Tel: 095-819-7834 (in Japan)

<By e-mail>

Course coordinator hi-sato@nagasaki-u.ac.jp

Teaching staff:

Should you require detailed information about the course please contact any of the following teaching staff.

Osamu Nakagomi, MD, PhD [Course Director]

Professor and Director, Master of Tropical Medicine course, Nagasaki University

Specialty: Molecular Epidemiology of Infectious Diseases

Email: onakagom@nagasaki-u.ac.jp

Educational Background

1977 MD, Akita University Medical School

1977-1981 PhD, Tohoku University Graduate School of Medicine

Work Experiences

1981-1982 Research Associate of Microbiology, Akita University Medical School

1982-1986 Lecturer of Laboratory Medicine, Akita University Hospital

1986-1992 Associate Professor, Laboratory Medicine, Akita University Hospital

1992-2003 Professor of Microbiology, Akita University Medical School

2003- Professor of Molecular Epidemiology, Graduate School of Biomedical Sciences, Nagasaki University

2004- Honorary Professor of Medical Microbiology, the University of Liverpool (UK)

Koya Ariyoshi, MD, DTM&H, PhD [Deputy Course Director]

Professor and Deputy Director, Master of Tropical Medicine course

Specialty: Clinical Tropical Medicine and HIV

Email: kari@nagasaki-u.ac.jp

Educational Background

1986 MD, Asahikawa Medical College

1989 Postgraduate Trainee, University of Zimbabwe

1990 MSc in Clinical Tropical Medicine, London School of Hygiene and Tropical

	Medicine
1998	Ph.D., UK Open University (supervised by MRC, Oxford University, University College London)
<u>Work Experiences</u>	
1986-1988	Resident (Internal Medicine), Kawakita General Hospital, Tokyo
1990-1992	Clinical Research Fellow, St. Mary's Hospital Medical School, London
1992-1998	Senior Research Fellow, UK MRC Laboratory, The Gambia, West Africa
1998-2005	Chief Researcher, National Institute of Infectious Diseases, Tokyo/ JICA Expert, Thai National Institute of Health Project, Thailand
2005-	Professor, Institute of Tropical Medicine, Nagasaki University

Kenji Hirayama, M.D., Ph.D. [Deputy Course Director]

Professor and Deputy Director, Master of Tropical Medicine course

Specialty: Immunogenetics

Email: hiraken@nagasaki-u.ac.jp

Educational Background

1981	MD, Tokyo Medical and Dental University, Tokyo
1985	Ph.D, Tokyo Medical and Dental University

Work Experiences

1986	Assistant Professor at Kyushu University
1988	Lecturer at St.Marianna Medical University
1988	Research Fellow at Harvard School of Public Health
1993	Associate Professor at Saitama Medical School
1995	Professor at Saitama Medical School
2001	Professor at Nagasaki University
2004-2006	Vice President, Nagasaki University
2007-	Dean, Institute of Tropical Medicine, Nagasaki University
