Prospectus of Tropical Medicine and Infectious Diseases Course for International Elective Students

Faculty of Medical Sciences, University of Sri Jayewardenepura, Sri Lanka

Tropical medicine and infectious diseases course for International Elective Students
This is the prospectus of tropical medicine and infectious diseases course for International Elective Students at Faculty of Medical Sciences, University of Sri Jayewardenepura.
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Cover photo by Dr.Sujith Prashan

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First edition, 2016
Preface

We welcome you warmly to the Faculty of Medical Sciences, University of Sri Jayewardenepura as an elective student to follow our Tropical medicine and infectious diseases course for International Elective Students. Students from all over the world every year join our international elective programme. We strive to deliver an educational experience of the finest quality supported by a dynamic and energetic faculty with diverse experiences and expertise in a stimulating environment.

The purpose of this handbook is to provide you vital information that will facilitate your experience as students in a foreign land. We have taken every attempt to design the course to give you the best exposure and experience in tropical medicine and infectious diseases but we welcome your suggestions for further improvement of the tropical medicine and infectious diseases course for elective programme.

We hope that you find this attachment, a productive experience and your stay in Sri Lanka a memorable one.

Good luck!

Faculty of Medical Sciences
University of Sri Jayewardenepura
Tropical medicine and infectious diseases course for international elective students
Learn tropical medicine in a truly exotic setting which offers the opportunity to learn infectious diseases that are emerging and re-emerging in South Asia. Wide range patients with infectious diseases such as dengue, leptospirosis, pneumonias, measles, chickenpox, leishmaniasis, tuberculosis, hepatitis A & B, typhoid, typhus, leprosy and chronic lymphatic filariasis attend to the wards or clinics on a regular basis. In addition, student will see a wide spectrum of non-communicable diseases such as myocardial infarction, stroke, diabetes and its complications, chronic liver and kidney disease in the wards. The patients are managed by the internationally trained experienced specialist and the students will have the opportunity to see and learn during daily ward rounds and classes.
This unforgettable experience is not limited to learning tropical medicine and infectious diseases but it will allow you to explore this ‘Paradise Island’. Sri Lanka is blessed with sunny golden sandy beaches round the country, chilly green havens in the central highlands, exciting unforgettable wild life, a rich culture, great heritage, relaxing Ayurvedic therapies, friendly people, delicious food and many more.
**Course Description:**
The Faculty of Medical Sciences, University of Sri Jayewardenepura, has established a tropical medicine and infectious diseases course for international elective students. It will provide the International medical students the opportunity to learn tropical medicine and infectious diseases through clinical attachments (mainly), visits to diagnostic laboratories and specific clinics and reference to teaching materials and resources, under the supervision of specialists and clinicians.

Students will have the opportunity to take a history and examine patients, observe procedures and case management, and obtain hands on training in certain procedures and techniques. In addition, daily ward round teaching, clinic based teaching, ward classes, weekly clinical lecture demonstrations by undergraduates, skills training sessions, weekly mortality and morbidity conferences, weekly postgraduate case presentations, journal clubs, teaching neonatology in Obstetric units will take place. There are plenty of opportunities to learn by visiting the clinics too. The list of clinics consists of two outpatient general medical and general paediatric clinics per week, weekly dermatology, neurology, epilepsy, nephrology, asthma, endocrine and growth and well-baby clinics. The inpatient adult male and female wards and paediatric wards get admissions on every third day per week. Adult medicine unit also offers endoscopy and bronchoscopy services, renal dialysis and echocardiography services.

During the course students will rotate to different locations and will learn from diverse groups of clinicians/supervisors. Self-directed learning is encouraged. However, to facilitate the learning, students will be given access to online resources in tropical medicine and infectious diseases in learning management system (LMS) of Faculty of Medical Sciences, University of Sri Jayewardenepura. In addition supervisors will provide guidance to refer selected resources pertaining to tropical medicine and infectious diseases which are available online and in the medical library. Students will be able to get a subjective assessment of their knowledge and experience gained from the tropical medicine and infectious diseases course using the pre and post self-evaluation test which will take place on the first and last day of the course respectively.

**Competencies acquired at the end of the course:**
- Medical Knowledge
- Patient Care
- Practice Based Learning
- Interpersonal & Communication Skills
- Professionalism
Objectives:
- To gain medical knowledge on clinical presentation, diagnosis and management of tropical diseases prevailing in Sri Lanka
- To learn about type of diagnostic facilities available to detect infectious diseases and tropical medicine and infectious diseases in South Asia
- To learn about low-cost interventions to treat common medical conditions in Sri Lanka
- To develop competency in practicing medicine in a resource-limited environment
- To gain knowledge on primary health care and treatment of acute and chronic illnesses
- To gain knowledge on prevention and control strategies adopted for tropical diseases
- To understand the problems associated with in providing preventative, diagnostic and therapeutic care in resource limited settings
- To learn about health care delivery practices, administrative and operational procedures in Sri Lankan setting

Eligibility:
- Medical student studying in an overseas medical school in their clinical years with minimum of 2 months of prior clinical experiences (A letter should be provided from the Medical school to confirm).
- Those medical students in their pre-clinical years can apply for observer positions. However please note that observers will be allowed to take histories, examine patients or get hands on training in any clinical procedures other than laboratory techniques.

Location:
- Colombo South Teaching Hospital, Kalubowila
- Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda
- Specific tropical medicine and infectious diseases clinics in Colombo suburbs
Course outlook:
Areas that will be covered include the following.

- General internal medicine
- General paediatrics
- Antibiotic prescribing and stewardship in a developing country setting
- Hospital acquired infection prevention and control in a developing country setting
- Laboratory diagnosis of infectious diseases
- Infections in the immunocompromised host
- Infectious diseases (including lymphatic filariasis, tuberculosis, sexually transmitted infections)
- Public health and control programmes in a developing country

Duration of the course:

- 3 weeks schedule
- 5 weeks schedule
Details of each schedule are given as annexure 01 and 02.

Starting Date:

3 weeks schedule
1) Easter 3A: Last 2 weeks of March to 1st week of April
2) Summer 1A: 1st week to 3rd week of July

5 weeks schedule
3 blocks as follows:
1) Summer 1B: 5 weeks starting from 1st week July to August

Starting date will be the first Monday of the particular week as stated above. In case of any day being a public holiday, assigned work on that day will be carried out on the following day along with that day’s work or a different day as the time permits. Rest of the schedule will stay as it is as given in the schedule.

Fees:
3 weeks (US$ 350)
5 weeks (US$ 500)
Transport cost:
During the 5 weeks course there are certain special hospitals which are located in Colombo suburbs. When such travelling to external centres and hospitals are involved, students will have to bear the cost. Students need to make the payment directly to the cab service. University will assist in hiring a vehicle based on the number of students and distance. See the below as a rough guide to calculate the cost per student.

4 passenger basic car with AC  
Initial Charge: Rs. 100.00 (US$ 0.69) & 2 km(s) free  
Additional 1 Km: Rs. 45.00 (US$ 0.31)

4 passenger luxury car with AC  
Initial Charge: Rs. 300.00 (US$ 2) & 5 km(s) free  
Additional 1 Km: Rs. 60.00 (US$ 0.41)

10 passenger van with AC  
Initial Charge: Rs. 500.00 (US$ 3.50) & 8 km(s) free  
Additional 1 Km: Rs. 60.00 (US$ 0.41)

10 passenger vans with AC  
Onday charge (12 hours) will be around RS.9000 (US$ 62)

Resource persons

Resource persons include permanent members of the academic staff from the Departments namely medicine, paediatrics, parasitology, microbiology, pathology, biochemistry, family medicine, gynaecology and obstetrics and surgery. Names and contact details of academic faculty is available in Faculty of Medical Sciences, web site.

In addition, consultants and doctors of Ministry of Health working in relevant units will assist or conduct teaching sessions.

Course coordinator:
Course coordinator is the Elective coordinator. If you need further clarification or details, please contact the elective coordinator via electivecoordinator.srilanka@gmail.com
Annexure 01
Elective in Tropical Medicine and infectious diseases Schedule (3 weeks):

<table>
<thead>
<tr>
<th>Subject area</th>
<th>Venue</th>
<th>Duration</th>
<th>Supervisor</th>
<th>Other notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Ice- breaking session, Introduction, Hospital round, Pre-test self administered questionnaire</td>
<td>Medicine professorial unit, CSTH</td>
<td>Half a day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D1-6 (Sunday-optional off day if the student wishes)</td>
<td>General internal medicine</td>
<td>Medicine professorial unit, CSTH</td>
<td>D1 Half a day, D2-D6 full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D8-13 (Sunday-optional off day if the student wishes)</td>
<td>General paediatrics</td>
<td>Paediatric professorial unit, CSTH</td>
<td>1 week</td>
<td>Head/Department of paediatrics, FMS, USJP</td>
</tr>
<tr>
<td>D14</td>
<td>Sunday-optinal off day if the student wishes. Otherwise students can continue in general paediatrics ward.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day</td>
<td>Activity Description</td>
<td>Location</td>
<td>Duration</td>
<td>Guide</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>---------------------------------</td>
<td>--------------------</td>
<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>D15-D16</td>
<td>Infections seen in General practice Family practice centre, FMS, USJP</td>
<td>Two days</td>
<td>Head/Department of Family Medicine, FMS, USJP</td>
<td>A consultant family physician /Senior lecturer/senior registrars/registrar, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D17</td>
<td>Visit to filariasis clinic Werahera AFC regional clinic, Werahera</td>
<td>Half a day</td>
<td>Head/Department of Parasitology, FMS, USJP</td>
<td>Senior Medical officer, AFC regional clinic, Werahera</td>
</tr>
<tr>
<td>D17</td>
<td>Laboratory diagnosis of infectious diseases (histopathology/haematology/chemical pathology) Department of Pathology, FMS, USJP</td>
<td>Half a day</td>
<td>Head/Department of Pathology, FMS, USJP</td>
<td>Consultant pathologists, Senior lecturers/senior registrars/registrar FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D18</td>
<td>Laboratory diagnosis of infectious diseases (Microbiology) Department of Microbiology, FMS, USJP</td>
<td>Half a day</td>
<td>Head/Department of Microbiology, FMS, USJP</td>
<td>A consultant Medical microbiologist/Senior lecturer, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D18</td>
<td>Laboratory diagnosis of infectious diseases (Biochemistry) Department of Biochemistry, FMS, USJP</td>
<td>Half a day</td>
<td>Head/Department of Biochemistry, FMS, USJP</td>
<td>Senior lecturers/lecturers FMS, USJP will guide the students</td>
</tr>
<tr>
<td>D19 (option A)</td>
<td>Infections seen in General practice Family practice centre, FMS, USJP</td>
<td>Half a day</td>
<td>Head/Department of Family Medicine, FMS, USJP</td>
<td>A consultant family physician /Senior lecturer/senior registrars/registrar, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D19 (option B)</td>
<td>Referring online learning materials IT lab</td>
<td>Half a day</td>
<td>Head/IT centre, FMS, USJP</td>
<td>Lecturer, IT, FMS, USJP</td>
</tr>
</tbody>
</table>
D19  |  Wrap up session (post test questionnaire filling, Feedback, presentation)  |  Seminar room, Family practice centre  |  Half a day (afternoon)  |  Head/Department of Medicine, FMS, USJP or Elective coordinator  
--- | --- | --- | --- | ---  
D20-21  |  Students are free to visit the clinical medicine and paediatric wards if they wish.  

**Note to the students**

During the first two weeks you are at Colombo South Teaching hospital, Kalubowila and next week mainly at Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda. These two places are about 5 km away (15 minutes with traffic by taxi/car) from each other. Remember to consider this fact when booking your accommodation.
### Annexure 02

**Elective In Tropical Medicine and infectious diseases Schedule (5 weeks):**

<table>
<thead>
<tr>
<th>Subject area</th>
<th>Venue</th>
<th>Duration</th>
<th>Supervisor</th>
<th>Other notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Ice-breaking session, Introduction, Hospital round, Pre-test self administered questionnaire</td>
<td>Medicine professorial unit, CSTH</td>
<td>Half a day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D1-6 (Sunday-optional off day if the student wishes)</td>
<td>General internal medicine</td>
<td>Medicine professorial unit, CSTH</td>
<td>D1 Half a day, D2-D6 full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D7</td>
<td>Sunday-optional off day if the student wishes. Otherwise students can continue in general medicine wards.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D8-13 (Sunday-optional off day if the student wishes)</td>
<td>General paediatrics</td>
<td>Paediatric professorial unit, CSTH</td>
<td>1 week</td>
<td>Head/Department of paediatrics, FMS, USJP</td>
</tr>
<tr>
<td>D14</td>
<td>Sunday-optional off day if the student wishes. Otherwise students can continue in general paediatrics ward.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Activity</td>
<td>Location</td>
<td>Duration</td>
<td>Instructor Details</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>-------------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>D15-D16</td>
<td>Infections seen in General practice</td>
<td>Family practice centre, FMS, USJP</td>
<td>Two days</td>
<td>A consultant family physician /Senior lecturer/ lecturer/senior registrars/registrar, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D17</td>
<td>Visit to filariasis clinic Werahera</td>
<td>AFC regional clinic, Werahera</td>
<td>Half a day</td>
<td>Senior Medical officer, AFC regional clinic, Werahera</td>
</tr>
<tr>
<td></td>
<td>Laboratory diagnosis of infectious diseases (histopathology/haematology/chemical pathology)</td>
<td>Department of Pathology, FMS, USJP</td>
<td>Half a day</td>
<td>Consultant pathologists, Senior lecturers, senior registrars/registrars FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D18</td>
<td>Laboratory diagnosis of infectious diseases (Microbiology)</td>
<td>Department of Microbiology, FMS, USJP</td>
<td>Half a day</td>
<td>A consultant Medical microbiologist/Senior lecturer/ lecturer, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D18</td>
<td>Laboratory diagnosis of infectious diseases (Biochemistry)</td>
<td>Department of Biochemistry, FMS, USJP</td>
<td>Half a day</td>
<td>Senior lecturers/ lecturers FMS, USJP will guide the students</td>
</tr>
<tr>
<td>D19 (option A)</td>
<td>Infections seen in General practice</td>
<td>Family practice centre, FMS, USJP</td>
<td>Half a day</td>
<td>A consultant family physician /Senior lecturer/ lecturer/senior registrars/registrar, FMS, USJP will guide the students.</td>
</tr>
<tr>
<td>D19 (option B)</td>
<td>Referring online learning materials</td>
<td>IT lab</td>
<td>Half a day</td>
<td>Lecturer, IT, FMS, USJP</td>
</tr>
<tr>
<td>D20-D21</td>
<td>Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D22-D23</td>
<td>A visit to infectious diseases hospital, Angoda</td>
<td>Infectious Diseases hospital, Angoda</td>
<td>full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D24</td>
<td>A day at leprosy hospital, Handala, Wattala</td>
<td>Leprosy hospital, Handala, Wattala</td>
<td>full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D25</td>
<td>A day at National Hospital for Respiratory Diseases, Chest hospital, Welisara</td>
<td>Chest hospital, Welisara</td>
<td>full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D26</td>
<td>A day at Cancer institute, Maharagama</td>
<td>Cancer institute, Maharagama</td>
<td>full day</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D27-D29</td>
<td>Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D29</td>
<td>STIs</td>
<td>STI clinic, CSTH</td>
<td>Full day</td>
<td>Consultant veneriologist, CSTH</td>
</tr>
<tr>
<td>D30</td>
<td>Antibiotic prescribing and stewardship</td>
<td>Intensive care units, CSTH</td>
<td>Half a day (morning)</td>
<td>Head, Department of Microbiology, FMS, USJP</td>
</tr>
<tr>
<td>D30</td>
<td>Hospital acquired infection prevention and control</td>
<td>Infection control unit, CSTH</td>
<td>Half a day (afternoon)</td>
<td>Head, Department of Microbiology, FMS, USJP</td>
</tr>
<tr>
<td></td>
<td>Infections in gynaecology patients</td>
<td>Gynaecology &amp; Obstetrics Professorial unit, CSTH</td>
<td>Full day</td>
<td>Head/Department of Gynaecology &amp; Obstetrics, FMS, USJP</td>
</tr>
<tr>
<td>---</td>
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<td>---</td>
</tr>
<tr>
<td>D31</td>
<td>Infections in surgical patients</td>
<td>Surgery professorial unit, CSTH</td>
<td>Full day</td>
<td>Head/Department of Surgery, FMS, USJP</td>
</tr>
<tr>
<td>D32</td>
<td>Discussion of case histories of selected tropical medical cases/presentations of case histories taken by students</td>
<td>Medicine professorial unit, CSTH</td>
<td>Half a day (morning)</td>
<td>Head/Department of Medicine, FMS, USJP</td>
</tr>
<tr>
<td>D33</td>
<td>Wrap up session (post test questionnaire filling, Feedback, presentation)</td>
<td>Medicine professorial unit, CSTH</td>
<td>Half a day (afternoon)</td>
<td>Head/Department of Medicine, FMS, USJP or Elective coordinator</td>
</tr>
</tbody>
</table>
How to enroll into our Tropical Medicine and infectious diseases course for international elective students

Application, payment and registration procedures are all online. Follow the THREE STEPS below and enjoy a hassle free enrollment into our elective programme.

**Step 1 (Follow both A and B)**

A. Apply online. Use the link below.
   [http://medical.sjp.ac.lk/index.php/elctives-online-registration-form](http://medical.sjp.ac.lk/index.php/elctives-online-registration-form)

B. Email the following documents to the elective coordinator
   electivecoordinator.srilanka@gmail.com
   - A resume or a brief curriculum vitae
   - A letter from the Medical school/University confirming your medical studentship and giving permission to do an elective

**What happens after step 1?**

1) When you apply online, you will receive a verification e-mail to your email address given.
   (If you do not find this in your email inbox, please check the spam folder.)

   Later if you would like to verify your enrollment into the elective programme, click on the below link and enter your passport number.

2) Your application will be processed.

   Once your application is accepted and approved, you will receive the letter of enrollment signed by the Dean. This confirms that a position in the International elective programme is reserved for you.

**Step 2**

Pay online using our payment gateway.
[https://payments.sjp.ac.lk/medical/](https://payments.sjp.ac.lk/medical/)
Fees and Payment
- Three weeks schedule - 350 US$
- Five weeks schedule - 500 US$

Alternative method of payment
You can pay at the counter at any branch of People’s Bank while in Sri Lanka.

Account details
Account holder: Faculty of Medical Sciences, University of Sri Jayewardenepura
Account Number: 097-4-021-8-0010915
Swift Code: PSBKLLKX 023
Bank and the branch: People’s Bank, Gangodawila Branch

Final payments should be in US$.

What happens after step 2?
You will be sent an email confirming the receipt of payment.

Step 3
- Visit the relevant ward in Colombo South Teaching hospital or the relevant department in the University.
- Meet the contact person and show the appointment letter (sent by SAR) to start the appointment. (Name and telephone number of the contact person will be sent via email)
IMPORTANT NOTICES

- Medical students are expected to wear clinical coats inside the wards. Please bring your own clinical coat. We do not provide clinical coats for elective students.

- Remember to fill and hand over the feedback form to your supervisor at the end of the appointment.

Dress code

- Please note that clothing such as shorts, tights, short dresses, vests, tank tops, slippers/flip flops and bright shiny coloured clothes etc are not considered appropriate inside the hospital or University.

- Long trousers, light coloured short (or long but folded) sleeved shirts and formal shoes are appropriate to wear to the hospital during day time. (Colombo is warm and humid with average temperature of 28-30°C mostly).

Feedback

Please assist us to improve this programme for future students by filling the feedback form below.

http://medical.sjp.ac.lk/downloads/electives/electives-feedback-form.docx

Thank you!