

## Diploma in Tropical Medicine and International Health (DTMIH)

### Course Specification

Course Overview	
<b>Qualification</b>	Diploma in Tropical Medicine and International Health (DTMIH)
<b>Accreditation</b>	Course content is annually submitted for accreditation to the Bayerische Landesärztekammer (BLAEK) as advanced training in Tropical Medicine required for the qualification as doctor in Tropical Medicine
<b>Language of Instruction</b>	English
<b>Intake per Course</b>	Max. 16 participants
<b>Program Start</b>	October 1st
<b>Duration and Attendance</b>	3 months full-time program from October – December (Core Course) campus-based <u>Lecture Schedule on the Core Course:</u> Mon – Fri from 9:00 – 18:00 with occasional evening/weekend events and incl. a Retreat Week in the second week of October
<b>Awarding Institution</b>	Ludwig-Maximilians-Universität München (LMU Munich)
<b>Department</b>	Division of Infectious Diseases and Tropical Medicine (DIDTM) at the University Hospital, LMU Munich as member of the CIH <sup>LMU</sup> Center for International Health
<b>Lecture Location</b>	Munich for the duration of the Core Course Participants should note that accommodation is not provided and that the difficult housing market in Munich makes early arrangements crucial. As the DTMIH Program Coordination cannot provide support with regard to house hunting, it is in the responsibility of each participant to arrange appropriate accommodation for the duration of the course.
<b>Course Fee</b>	€ 5000 Early bird special: € 4500 for registrations until March 31st
<b>Cancellation Policy</b>	A non-refundable fee of € 500 will be charged in case of cancellation prior to August 31st. After this point of time, a non-refundable fee of 50% of the total course fee is due in case of cancellation until September 31st. The full course fee will be charged for cancellations from October 1st onwards and in cases of no-show. The course fee does not cover travel, accommodation or subsistence costs.
<b>Requirements for Registration</b>	<ul style="list-style-type: none"> <li>• A qualification in a health care profession from a recognized school or university (please add a scan of your degree certificate to your application)</li> <li>• Good standard of spoken and written English (a minimum of level B2 according to the Common European Framework of Reference for Languages, CEFR:</li> </ul>

	<a href="https://europass.cedefop.europa.eu/resources/european-language-levels-cefr">https://europass.cedefop.europa.eu/resources/european-language-levels-cefr</a> )
<b>Registration Period</b>	December 1st until June 31st Early bird registrations from December 1st until March 31st
<b>Registration Process</b>	<ul style="list-style-type: none"> <li>To download the DTMIH registration form please visit our website: <a href="https://www.international-health.uni-muenchen.de/education/short_term_courses/dtmih/index.html">https://www.international-health.uni-muenchen.de/education/short_term_courses/dtmih/index.html</a></li> <li>Please send your completed and signed registration form, including a copy of your CV and a scan of your medical qualification certificate via e-mail to: <a href="mailto:dtmih@lrz.uni-muenchen.de">dtmih@lrz.uni-muenchen.de</a></li> <li>Upon fulfilment of all requirements, participants will be selected on a first come, first served basis</li> <li>Please note that the final registration is subject to the payment of the course fee in full</li> </ul>
<b>Combined Courses</b>	The DTMIH may be combined with the Master of Science in International Health (MSc IH). Please contact the DTMIH Program Coordination Office if you are interested in this option.
<b>Contact</b>	<p>DTMIH Program Coordination E-Mail: <a href="mailto:dtmih@lrz.uni-muenchen.de">dtmih@lrz.uni-muenchen.de</a> +49 (0)89 4400 59815</p> <p>Teaching &amp; Training Unit Department of Infectious Diseases and Tropical Medicine University Hospital, LMU Munich Leopoldstraße 5 80802 Munich, Germany <a href="http://www.cih.lmu.de">www.cih.lmu.de</a></p>
<b>Course Details</b>	
<b>Aim and Rationale</b>	<p>The DTMIH program aims at improving health care for populations in low- and middle-income countries by training qualified health professionals in international health topics, bedside-teaching, laboratory practice, management and communication as well as research methods.</p> <p>Due to small and international groups, we provide individual support and practical experience in an international setting. Besides emphasizing an interactive and interdisciplinary teaching approach, we also strive to deliver lectures that cover contemporary research in Tropical Medicine and International Health including critical appraisal and discussion of topics.</p> <p>A meaningful and well-balanced curriculum with regard to clinical application, policy issues and academic research is offered to participants with a good command of English. The curriculum serves as theoretical specialization course next to practical training periods.</p>
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>Prepare health professionals who plan to work in low and middle-income settings</li> <li>Enable participants to manage health problems in low- and middle-income settings</li> <li>Enable participants to diagnose, treat and prevent diseases which are prevalent in low and middle-income settings</li> </ul>

	<ul style="list-style-type: none"> <li>• Create an understanding of stakeholders and policies in global and local contexts</li> <li>• Empower participants to generate knowledge and allow for informed decision making through the use of scientific tools</li> <li>• Empower participants to employ research methods</li> </ul>
<b>Networking Opportunities</b>	Within an international group including participants from different programs, the DTMIH provides an opportunity to create personal bonds through (extra-) curricular activities and establish working relationships across the globe.
<b>Management and Communication Training</b>	Working in the field of international health, not only medical related skills are required, but also knowledge on intercultural communication (within multinational teams), techniques for successfully planning and managing projects as well as learning sciences. This Management and Communication Training is an integral part of the DTMIH curriculum and embedded via a number of sessions and within a Retreat Week in the second week of October.
<b>Core Course Curriculum</b>	DTMIH modules are: <ul style="list-style-type: none"> <li>• International Health Problems &amp; Responses</li> <li>• Medical School</li> <li>• Policy &amp; Politics</li> <li>• Microscopy &amp; Laboratory Practice</li> <li>• Research Methods</li> <li>• Management and Communication</li> </ul> Please note that curricular contents may be subject to minor changes.
<b>Module Overview</b>	
<b>International Health Problems &amp; Responses</b>	Within this module, central issues on international health and medical research will be addressed: Fundamental knowledge on core areas of international, medical health will be conveyed. Within various sessions, this module also includes the discussion of specific subjects as well as major infectious and non-communicable diseases. Discussion of clinical cases and bedside teaching sessions complete the module practically. There will be a written test (multiple choice) at the end of the course.
<b>Medical School</b>	Within this module central aspects of relevant medical fields will be addressed amongst other such as: <ul style="list-style-type: none"> <li>• Introduction to Medical School and Ebola</li> <li>• HIV Prevention</li> <li>• Global Mental Health</li> <li>• Immunology and Vaccinology</li> <li>• Cancer in Low- and Middle-Income Countries</li> <li>• Global Epidemiology</li> </ul> Assessment will be through written examination (multiple choice) at the end of this module.
<b>Policy &amp; Politics</b>	Within different sessions, students learn amongst others to critically appraise public health systems in different countries, understand underpinnings of policy work, obtain knowledge on different approaches to financing health systems and discuss principles and limitations of humanitarian aid. Assessment will be through written examination (multiple choice) at

	the end of this module.
<b>Microscopy &amp; Laboratory Practice</b>	<p>The aim of the microscopy courses is to recognize the most relevant pathogens that are detectable by microscopy. Additionally, there will be tutored microscopy sessions where participants may practice and apply the course contents.</p> <p>Examination will be through questions on random samples for microscopy at the end of the course.</p>
<b>Research Methods</b>	<p>Health interventions have to be evidence-based and in turn should produce evidence. Therefore, participants need to be able to critically analyse and appraise qualitative and quantitative data, mixed method approaches as well as scientific publications relevant for the improvement of health and health care in low and middle income societies.</p> <p>Courses within this module cover the following areas:</p> <ul style="list-style-type: none"> <li>• Quantitative Methods and Epidemiology</li> <li>• Qualitative Methods and Research Skills</li> </ul> <p>Examination will be through multiple-choice questions and calculation assignments.</p>
<b>Requirements for Successful Completion</b>	<ul style="list-style-type: none"> <li>• Active participation during lectures and bedside-teaching sessions</li> <li>• At least 80 % attendance per module</li> <li>• Successful completion of all modules and examinations (or retakes)</li> </ul>
<b>Literature Recommendations</b>	<ul style="list-style-type: none"> <li>• Brunette, G. and Nemhauser, J. (2019). CDC Yellow Book 2020: Health Information for International Travel. New York: Oxford University Press. [Online available at: <a href="https://wwwnc.cdc.gov/travel/page/yellowbook-home">https://wwwnc.cdc.gov/travel/page/yellowbook-home</a>]</li> <li>• Farrar, J.; Hotez, P. J.; Junghanss, T. et al. (2013). Manson's Tropical Diseases. 23rd ed. Oxford: Elsevier Saunders Ltd.</li> <li>• Gill, G.; Beeching, N. (2014). Lecture Notes: Tropical Medicine. 7th ed. Wiley-Blackwell.</li> <li>• Nabarro, L.; Morris-Jones, S.; Moore, D. et al. (2018). Peters' Atlas of Tropical Medicine and Parasitology. 7th ed. Elsevier.</li> <li>• Neumayr, A. (2018). Antiparasitic Treatment Recommendations: A Practical Guide to Clinical Parasitology. 2nd ed. Hamburg: tredition GmbH.</li> <li>• Rothe, C. (2014). Clinical Cases in Tropical Medicine. Elsevier Saunders Ltd.</li> </ul>