MASTER IN MEDICINE/
POSTGRADUATE DIPLOMA IN
MEDICINE [Fulltime]

2018/2019

University of Dublin, Trinity College
Index

- Introduction......................................................... 1
- Aims................................................................. 1
- Learning Outcomes............................... 2
- Intended Participants............................... 2
- Course Structure.................................................. 2
- Table 1: Overall Structure......................... 3
- Course Content and Timetable ................. 4
- Table 2: 2017/8 Modules................................. 5
- Dissertation......................................................... 5
- Assessment......................................................... 6
- Course Venue....................................................... 6
- Course Materials............................................... 6
- Tuition fees......................................................... 7
- Further Information............................................. 7
Introduction

These Master in Medicine / Postgraduate Diploma (PGDip) in Medicine courses are aimed at medical graduates in training who wish to develop their research skills, broaden their research interests, and develop advanced knowledge in selected areas of clinical and scientific practice. The courses will offer an opportunity for those entering higher medical training to develop good research practices in advance of undertaking an MD or PhD. In addition, they will also provide an opportunity for those not intending to complete higher medical training to undertake a period of formal academic activity and acquire formal (university degree level) recognition of these activities.

The courses are available as a part-time option (over 2 calendar years) or as a one year (fulltime) option. This prospectus reflects the one year (fulltime) option.

Aims of the Courses

The courses aim to equip students with the knowledge, skills and competence to:

- Work at an advanced level in clinical practice, and to develop and sustain evidence-based practice
- Understand the principles of health service management
- Communicate effectively with others and work as part of a team
- Formulate research hypotheses, design experimental studies and conduct research
- Statistically analyse data, write research reports and critically appraise research

In addition to obligatory “core” modules, students will be able to choose optional modules according to their chosen career pathway. The research project (Master in Medicine students only) will also reflect the students’ chosen career pathway.
Learning Outcomes

On successful completion of this course, the student should be able to:

- Demonstrate an in-depth knowledge of the principles of health service management and be capable of incorporating these into clinical practice
- Critically appraise research data and write research reports
- Manage all aspects of patient care, including adverse outcomes, as part of a multidisciplinary healthcare team
- Evaluate the key concepts of global health and examine the major challenges affecting health systems and health outcomes globally
- Discuss the role of the doctor in the primary and secondary prevention of disease at population level
- Formulate research hypotheses, design experimental studies and conduct research in a scientific and ethical manner [dissertation module - Master in Medicine students only]

Intended Participants

Candidates must be

- medically qualified (MB, BCh, BAO or equivalent from a recognised medical school) and
- registered with the Medical Council of Ireland or equivalent overseas regulatory body

and should be

- at least 2 years post registration.

In addition each potential candidate will be required to attend for interview to assess his/her suitability for the course and to discuss their optional module preferences.

Application for admission to the course will be made on line. Check out: [http://www.tcd.ie/courses/postgraduate/how-to-apply](http://www.tcd.ie/courses/postgraduate/how-to-apply) for full details.

Course Structure

All students must complete taught modules to the value of 60 ECT credits: 3 obligatory “core” modules (to the value of 20 ECTS credits) and “optional” modules to the value of 40 ECTS credits.
Students will choose the optional modules according to their chosen career pathway.

Modules will be offered generally in the format of a 2–3 day stand-alone programme for 5 ECTs modules and 4-5 day programmes for 10 ECTs modules.

The overall structure of the programme is outlined in Table 1.

Table 1: Course Modules for Master / PostGraduate Diploma in Medicine

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Title of Module</th>
<th>ECTS credits</th>
<th>Core / Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM8724</td>
<td>Professional and Ethical Practice of Medicine</td>
<td>5</td>
<td>Core</td>
</tr>
<tr>
<td>CM8744</td>
<td>Biostatistics, Health Research Methods and Critical Appraisal</td>
<td>10</td>
<td>Core</td>
</tr>
<tr>
<td>CM8729</td>
<td>Patient Safety and Quality of Patient Care</td>
<td>5</td>
<td>Core</td>
</tr>
<tr>
<td>CM8741</td>
<td>Implementation of healthcare systems</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8732</td>
<td>Global Health for Clinical Specialists</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8734</td>
<td>Teaching and Learning for Clinical Specialists</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>PM7010</td>
<td>Health Economics</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8735</td>
<td>Pharmacoepidemiology and Drug Safety</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8738</td>
<td>Clinical Skills for Clinical Specialists</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8739</td>
<td>Role of Biologicals and Advanced Therapies in Clinical Practice</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8740</td>
<td>Developing and Prescribing Medicines for Special Populations</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8743</td>
<td>Management of chronic disease and multi-morbidity in clinical practice</td>
<td>10</td>
<td>Optional</td>
</tr>
<tr>
<td>CM8742</td>
<td>Leadership skills for clinical specialists</td>
<td>5</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Fulltime students will be expected to complete modules to the value of 60 ECTS credits during the academic year; this may be extended for one further year on a case-by-case basis, and with the approval of the course committee.

In addition to completion of the modules, the Master in Medicine students will be required to undertake a research project and submit a dissertation at the latest
by the 31st August in the same year. An extension may be granted on a case-by-case basis and with the approval of the course committee.

The students will begin the initial preparatory work on their proposal for dissertation, in tandem with the taught modules, with the aim of achieving approval of the proposal by the course committee and the research ethics committee (if appropriate) by the end of the taught modules. Practical work on the research project (i.e. collection of research data) normally begins once all taught modules have been satisfactorily completed.

**Course Content and Timetable (2018/19)**

Both Master in Medicine and PGDip in Medicine students are required to successfully complete taught modules. Fulltime students will need to complete all their taught modules (to the value of 60 ECTS) during the academic year in order to be eligible for the PGDip award or to progress to the dissertation module.

Table 2 outlines the timing of the course modules for 2018/9.
Table 2: Course Modules in Master / PostGraduate Diploma in Medicine: Provisional availability during 2018/19

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Title of Module (ECT credits)</th>
<th>Timing of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM8744</td>
<td>Biostatistics, Health Research Methods and Critical Appraisal (10)</td>
<td>Term 1</td>
</tr>
<tr>
<td>CM8724</td>
<td>Professional and Ethical Practice of Medicine (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8729</td>
<td>Patient Safety and Quality of Patient Care (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8743</td>
<td>Management of chronic disease and multi-morbidity in clinical practice (10)</td>
<td>Term 1</td>
</tr>
<tr>
<td>CM8732</td>
<td>Global Health for Clinical Specialists (5)</td>
<td>Term 1</td>
</tr>
<tr>
<td>CM8735</td>
<td>Pharmacoepidemiology and Drug Safety (5)</td>
<td>Term 1</td>
</tr>
<tr>
<td>CM8739</td>
<td>Role of Biologicals and Advanced Therapies in Clinical Practice (5)</td>
<td>Term 1</td>
</tr>
<tr>
<td>PM7010</td>
<td>Health Economics (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8734</td>
<td>Teaching and Learning for Clinical Specialists (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8740</td>
<td>Developing and Prescribing Medicines for Special Populations (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8738</td>
<td>Clinical Skills for Clinical Specialists (5)</td>
<td>Term 1</td>
</tr>
<tr>
<td>CM8741</td>
<td>Implementation of healthcare systems (5)</td>
<td>Term 2</td>
</tr>
<tr>
<td>CM8742</td>
<td>Leadership skills for clinical specialists (5)</td>
<td>Term 2</td>
</tr>
</tbody>
</table>

Modules in bold represent the obligatory core module

Dissertation (30 ECTS) – For Master in Medicine students only

Each student will also be required to undertake a research project and submit a dissertation at the latest by the 31st August of the year of enrolment. Typically the dissertation will take the form of an analysis of a data set collected by the student. The students will begin the initial preparatory work on their proposal for dissertation, in tandem with the taught modules, with the aim of achieving approval of the proposal by the course committee and the research ethics committee (if appropriate) by the end of the taught modules.

Practical work on the research project (i.e. collection of research data) normally begins once all taught modules have been satisfactorily completed.
Assessment

Each module will be assessed by way of completion of written personal assignments during or after completion of the module, within an agreed timeframe. In addition, some of the modules may also be evaluated by way of a practical examination during or after completion of the module. The final mark for each module will be the average mark derived from each assessment type (i.e. personal assignments, or examination during or after completion of the module).

The dissertation should be 10,000 words long (excluding appendices) and should normally be submitted by no later than 31st August at the end of academic year of enrolment for fulltime students. In addition the student will be encouraged to write up a scientific paper for publication, based on his/her research.

A 50% pass mark is required for each of the modules, and also for the dissertation. Students will be allowed to resubmit and/or repeat the examination on one occasion. Compensation between optional modules only may be possible (up to a total of 10% of marks) but students must have obtained at least 40% or more marks in the module. Compensation is not possible for the core modules or the dissertation; neither can they be used to compensate for any of the optional modules. The dissertation module must be passed in order for the student to be considered for an award of a Master in Medicine degree.

Course Venue

The modules will be run primarily in the Trinity Centre in St James’ Hospital (SJH). Some sessions may also be held in the Adelaide, Meath, National Children’s Hospital, Tallaght (AMNCH) and Trinity college main campus (in the Biomedical Sciences Institute (TBSI) and Lloyds Institute buildings).

Course Materials

Course materials will be made available for each module via the interactive Blackboard website. In addition, students will be provided with pre-module reading before each of the taught modules. The students will be expected to review all material provided and to study the reading lists contained in the course materials. Personal assignments for each module must be completed by each
student and returned within the designated timeframe. Late assignments will be subject to penalties.

Students will be expected to provide their own computer and online access for the modules and module documentation presented on the interactive Blackboard website.

**Tuition Fees***

<table>
<thead>
<tr>
<th></th>
<th>EU</th>
<th>Non-EU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Part-time:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 1</td>
<td>€5,454</td>
<td>€11,150</td>
</tr>
<tr>
<td>Year 2</td>
<td>€5,454</td>
<td>€11,150</td>
</tr>
<tr>
<td><strong>Fulltime</strong></td>
<td>€8,263</td>
<td>€16,263</td>
</tr>
</tbody>
</table>

*Fees shown represent the 2017/2018 rates.*

**Further Information**

Contact the Course Co-ordinator (Dr Mary Teeling) at:

teeingm@tcd.ie

or

Phone: 00 353 1 4103671

Applications for this course should be made online.

Further information is available at:
http://www.tcd.ie/courses/postgraduate/how-to-apply

Updated version 22 March 2018