Course Specifications

Valid as from the academic year 2015-2016

Master’s Dissertation III: Integrated Clinical Problem Solving (D002242)

Course size
(nominal values; actual values may depend on programme)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0</td>
<td>300 h</td>
<td>65.0 h</td>
</tr>
</tbody>
</table>

Course offerings and teaching methods in academic year 2017-2018

A (semester 2) Dutch

B (year) seminar 65.0 h

Lecturers in academic year 2017-2018

Joos, Guy GE01 lecturer-in-charge
Christiaens, Thierry GE21 co-lecturer
Dhooge, Ingeborg GE19 co-lecturer
Kerre, Tessa GE01 co-lecturer
Pattyn, Piet GE10 co-lecturer

Offered in the following programmes in 2017-2018

<table>
<thead>
<tr>
<th>Programme</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Medicine in Medicine (main subject Hospital Medicine)</td>
<td>10</td>
</tr>
<tr>
<td>Master of Medicine in Medicine</td>
<td>10</td>
</tr>
</tbody>
</table>

Teaching languages

Dutch

Keywords

Clinical and communicative skills, clinical knowledge, clinical problem solving, case-based clinical reasoning

Position of the course

During the physical clinical examination the student must show that (s)he is able to answer written or computer questions about applied clinical knowledge, to demonstrate clinical, communicative, pharmacotherapeutic and reasoning skills with simulated patients, to carry out a history and physical examination on a patient with a clinical problem, to formulate a differential diagnosis and a motivated management plan about it for a jury. The student is able to write clinical cases from the clerkships, to formulate a literature search question about it and to draw conclusions from it relevant for practice.

Contents

The student has acquired the clinical, communicative and clinical reasoning skills which are necessary to tackle problems from all clinical discipline at the level of basic medical training. The clinical knowledge, skills and attitudes which are necessary for this are described in the "Toetslijst vaardigheden" (‘Skills checklist ’) and the document "Eindtermen van de artsopleiding" (‘End terms of medical education at Ghent University').

Initial competences


All knowledge from the basic sciences and from the clinical disciplines learned during the six years of basic medical education.

Final competences

1. Being able to solve clinical problems presented as written or computer questions about applied clinical knowledge.
2. Being able to demonstrate clinical, communicative, pharmacotherapeutic and reasoning skills in a clinical context

(Approved)
3 Being able to carry out a history and physical examination on a patient with a clinical problem, to formulate a differential diagnosis and a motivated management plan.
4 Being able to write clinical cases from the clerkships, to formulate a literature search question about it and to draw conclusions from it relevant for practice.

Conditions for credit contract
This course unit cannot be taken via a credit contract

Conditions for exam contract
This course unit cannot be taken via an exam contract

Teaching methods
Seminar

Learning materials and price
All syllabi and books, medical journals, electronic and multimedia that the students have been referred to during their medical education. All the learning material available in the skills lab and in the biomedical library.

References
Apart from the above mentioned information material, students can learn how to prepare their final clinical examination in the brochure about the final clinical examination (http://www.ugent.be/ge/nl/onderwijs/opleidingen/gen/gke) the documents "Eindtermen van de artsopleiding" (http://www.ugent.be/ge/nl/onderwijs/opleidingen/gen/gke) and the Toetslijst vaardigheden.

Course content-related study coaching
All clinical supervisors and the facilitators of the day release course in the sixth year.

Evaluation methods
end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period
Written examination with multiple choice questions, oral examination, simulation, skills test

Examination methods in case of periodic evaluation during the second examination period
Written examination with multiple choice questions, oral examination, simulation, skills test

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Extra information on the examination methods
The written or computertest is composed of multiple choice and true/false questions. The OSCE is two-fold: a first carrousel is composed of 3 stations with a duration of 10 minutes and a second of 4 stations with a duration 12 or 24 minutes. The long cases examination consists of an interrogation by two jury's (a first composed of specialists in internal medicine or pediatricians and a second of a surgical or other specialty; one member of each jury is a preceptor from a peripherical hospital); the first jury interrogates about a live patient, the second about one or more cases from the case portfolio, composed in the framework of 'Reflections on clinical practice'

Calculation of the examination mark

(Approved)