Course Specifications
From the academic year 2019-2020 up to and including the
Skills in Radiology, Part 1 (D012929)

Course size

<table>
<thead>
<tr>
<th>Course size</th>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
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<tbody>
<tr>
<td></td>
<td>10.0</td>
<td>250 h</td>
<td>50.0 h</td>
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</tbody>
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Course offerings and teaching methods in academic year 2019-2020

A (year)

- Dutch, English, French
demonstration 25.0 h
- guided self-study 15.0 h
- excursion 10.0 h

Lecturers in academic year 2019-2020

- Verstraete, Koenraad GE32 lecturer-in-charge
- Achten, Eric GE32 co-lecturer
- Deblaere, Karel GE32 co-lecturer
- Defreyne, Luc GE32 co-lecturer
- JANS, LENNART GE32 co-lecturer
- Villeirs, Geert GE32 co-lecturer

Offered in the following programmes in 2019-2020

- Master of Medicine in Specialist Medicine (main subject Radiology) 10 A

Teaching languages

- Dutch, English, French

Keywords

- Skills, simulation, radiology

Position of the course

In order to prepare trainees for real and complex practice, it is crucial that they develop technical and non-technical skills regarding all aspects of the specialism within a safe learning environment with feedback from an experienced trainer (preferably away from the patient). This skills education focuses on the mastery of core and optional skills including basic techniques in preparation for the "Problem-solving ability in ..., part 1" where the completion of these skills in the complex real-world practice prevails.

Contents

A list of the technical and non-technical skills (divided into core skills and optional skills) has been compiled specific for the level "expert". This list can be consulted on https://drive.google.com/open?id=1ZQmF0fqz-MrYp9RKOzngvsqCNdRCRqFsYjwhZHo. The list contains the specific learning format for each skill (especially how the training will take place). The latter is a non-limitative summary of possible activities / workshops.

Initial competences

The course builds on certain learning outcomes of the study programme leading to the academic degree "Master of Medicine (in Medicine)" (or "Physician" or "Doctor of Medicine, Surgery and Obstetrics").

Final competences

1. developing and applying appropriate professional skills appropriate to the sub-discipline
2. performing and adequately documenting diagnostic / therapeutic procedures in a safe, responsible and correct manner
3. communicating and collaborating within an interprofessional team
4. critically reflecting on their own skills and adjustments where necessary

(Approved)
Access to this course unit via a credit contract is determined after successful competences assessment. This course unit cannot be taken via an exam contract.

Teaching methods:
Guided self-study, demonstration, excursion

Extra information on the teaching methods:
The excursions are in fact organized by the professional associations, scientific associations or commercial firms. These workshops can be formulated in different ways: hands-on, casualty, intra- / inter- and multidisciplinary, individually or in small groups.

Learning materials and price:
Non-exhaustive list: phantoms, cadavers, boxtrainers (e.g. Laparoscopy), animal models, simulators (virtual reality), (simulation) patients, peers, ...

References:

Course content-related study coaching:
Consultation with lecturer (appointment or by email)

Evaluation methods:
continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Examination methods in case of periodic evaluation during the second examination period

Examination methods in case of permanent evaluation
Portfolio

Possibilities of retake in case of permanent evaluation
not applicable

Extra information on the examination methods:
The trainee must attend and document at least 50 hours of skills training at the level of "expert" (chosen from the list on https://drive.google.com/file/d/1T7TlxWo31YeRvxHy873HSkuL16dTwyM/view) and document this in Medbook. Documentation in Medbook of the attended courses is necessary in order to obtain the final evaluation.

Calculation of the examination mark:
In order to succeed, minimum 50 hours skills training approved by the lecturer-in-charge should be documented in Medbook and this spread over the "expert" years.

The presence of the correct evidence results in "pass" or "fail".

(Approved)