Scientific Research in Radiology, Part 1 (D002634)

Course Specifications
Valid as from the academic year 2017-2018

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

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
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<tr>
<td>6.0</td>
<td>150 h</td>
<td>70.0 h</td>
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Course offerings and teaching methods in academic year 2019-2020

A (year) Dutch lecture 0.0 h
excursion 0.0 h

Lecturers in academic year 2019-2020
Verstraete, Koenraad GE32 lecturer-in-charge

Offered in the following programmes in 2019-2020

| Master of Medicine in Specialist Medicine (main subject Radiology) | 6 | A |
| Master of Medicine in Specialist Medicine (main subject Radiology) | 6 | A |

Teaching languages
Dutch

Keywords
Radiology, radiography, radioscopy, CT-scan, ultrasound, Magnetic Resonance imaging, positron-emission tomography, medical imaging, angiography, interventional radiology, scientific seminar

Position of the course

The trainee has to increase his / her medical knowledge and understanding (including integration of elements from the basic sciences) about all aspects of the specialty by scientific methodology.

Contents

Study and interpretation of clinical scientific research with regard to syndromes that are seen during the residency and are related with the learning outcomes.
Non-exhaustive list of possible activities:
- I@home activities

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. Acquiring specialized knowledge in order to deepening of the roles physician, scientist, communicator and manager.
2. Developing an attitude of scientific curiosity by participating in scientific activities of the specialty.
3. Working on the enhancement of the quality of the specialty.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment.

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

Teaching methods
Excursion, lecture

(Approved) 1
Learning materials and price

Presentation software/slides, papers, and occasionally syllabi from seminars, symposia, courses and congresses organized by the universities, the Royal Belgian Society of Radiology or any organized course or congress that is recognized by the academic chairman of the department of radiology

Electronic learning platform

References

Journals radiology

Course content-related study coaching

Consultation of lecturer (appointment or via 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

examination during the second examination period is possible

Extra information on the examination methods

If the trainee has not followed at least 14 h accredited activities during each of the first two years of the residency or if these activities are not archived in the portfolio, the trainee can not be evaluated for the course “Scientific research in radiology, part 1”.

1 hour followed I@home activity is equivalent to 1 accreditation point.

Calculation of the examination mark

In order to successfully complete this course at least 28 h accredited activities (14 h accredited activities followed during year 1 of the residency + 14 h accredited activities followed during year 2 of the residency) have to be archived in the portfolio. Subsequently, a “pass” / “fail” result is given.