## Course Specifications

Valid in the academic year 2016-2017

### Educational Effectiveness (H000600)

### Course

**Course size**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>150 h</td>
<td>45.0 h</td>
</tr>
</tbody>
</table>

### Lecturers in academic year 2016-2017

- **Aesaert, Koen**
  - PP06 lecturer-in-charge
- **Valcke, Martin**
  - PP06 co-lecturer
- **van Braak, Johan**
  - PP06 co-lecturer

### Course offerings and teaching methods in academic year 2016-2017

<table>
<thead>
<tr>
<th>Semester</th>
<th>Language</th>
<th>Type</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (semester 2)</td>
<td>Dutch</td>
<td>seminar</td>
<td>20.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>lecture</td>
<td>0.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>guided self-study</td>
<td>5.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>excursion</td>
<td>5.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>project</td>
<td>5.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>group work</td>
<td>0.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>seminar: practical</td>
<td>5.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>self-reliant study</td>
<td>5.0 h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>Language</th>
<th>Type</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>E (semester 1)</td>
<td>English</td>
<td>microteaching</td>
<td>15.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>group work</td>
<td>10.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>seminar</td>
<td>10.0 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>self-reliant study</td>
<td>10.0 h</td>
</tr>
</tbody>
</table>

### Offered in the following programmes in 2016-2017

<table>
<thead>
<tr>
<th>Programme</th>
<th>crdts</th>
<th>offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science in Educational Sciences (main subject Foundations, Theory and Study of Education)</td>
<td>5</td>
<td>B, E</td>
</tr>
<tr>
<td>Exchange Programme in Educational Sciences</td>
<td>5</td>
<td>E</td>
</tr>
</tbody>
</table>

### Teaching languages

Dutch, English

### Keywords

assessment, effectiveness, evaluation, performance indicators, test theory

### Position of the course

This course aims at following objectives within the Master of Science in Educational Sciences - main subject Foundations, Theory and Study of Education

- Being able to indicate and critically reflect on pedagogical, educational and orthopedagogical theoretical concepts.
- Critically reflect on complex pedagogical, educational and orthopedagogical issues in practice, research and policy.
- Have critical insight in the international scientific research literature within the (ortho) pedagogy and educational sciences.
- Being able to independently select appropriate qualitative and quantitative research methods, to use them responsibly and to evaluate them critically.
- Being able to independently select and apply appropriate analysis techniques and to critically interpret the results.
- Systematically approach a pedagogical, educational or orthopedagogical problem from multiple perspectives (multi perspectivism).
- In the context of teamwork realize one’s own expertise and being able to confront and integrate this with points of view and competencies of others.
- Pursue sustainability in pedagogical, educational and orthopedagogical contexts.
• Being able to design, implement and evaluate pedagogical, educational or orthopedagogical interventions and treatments.

Contents
The course will discuss following topics:
• tests and test items;
• the concept of educational effectiveness;
• quality of tests;
• test theory;
• performance indicator studies;
• school and educational effectiveness;
• inspection authorities and educational quality systems.

Initial competences

Final competences
1 To be able to successfully conduct an empirical cycle for instrument development and validation.
2 To be able to synthesize scientific insights within a subdomain of effectiveness research.
3 To gain insight in different evaluation methods and techniques.
4 Insight in different types of internal and external quality control.
5 Insight in the milestones of effectiveness research.
6 To be able to translate scientific knowledge into materials usable for educational practice.

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
Guided self-study, group work, lecture, microteaching, project, seminar, self-reliant study activities, seminar: practical PC room classes

Extra information on the teaching methods
Teaching language is Dutch (course offering B).
Incoming exchange students have to take course offering E which has English as teaching language (see http://www.ugent.be/pp/en/exchange-students for further information).

Learning materials and price
Estimated cost reader: 20 EUR
Estimated cost excursion: 50 EUR

References

Course content-related study coaching
• MINERVA
• Intervisions

Evaluation methods
day-of-term evaluation and continuous assessment

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

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

Examination methods in case of permanent evaluation
Portfolio, assignment

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

Extra information on the examination methods

Details on periodic evaluation:
- Oral examination; with written preparation.

Details on permanent evaluation:
• Method:
  - Students develop a portfolio 'educational effectiveness and evaluation' during the course.
  - Individual paper to be submitted at the end of the course.
• Frequency:
  Both the portfolio 'educational effectiveness and evaluation' and the individual paper are evaluated after completion.
• Description of second exam opportunity:
  For the permanent evaluation, the second exam opportunity is the same as the first exam opportunity
• Feedback:
  At the request of the student, verbal feedback is provided during the formal feedback moment appointed by the faculty.

Calculation of the examination mark

A combination of periodic evaluation (50%) and permanent evaluation (50%).
Students who do not pass one or more parts of the evaluation can no longer pass the course. Final scores of 8 and above will be reduced to the highest non-deliberative quotation (7/20)