Leadership in Health Care (E015590)

Valid as from the academic year 2017-2018

Course Specifications

Course size

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0</td>
<td>90 h</td>
<td>22.5 h</td>
</tr>
</tbody>
</table>

Course offerings and teaching methods in academic year 2017-2018

A (semester 2)
- lecture 22.5 h
- project 15.0 h

B (semester 2)
- guided self-study 22.5 h
- project 15.0 h

Lecturers in academic year 2017-2018
Verdonck, Pascal  TW06 lecturer-in-charge

Offered in the following programmes in 2017-2018

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Credits</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridging Programme Master of Science in Biomedical Engineering</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Bridging Programme Master of Science in Biomedical Engineering</td>
<td>3</td>
<td>B</td>
</tr>
<tr>
<td>Master of Science in Biomedical Engineering</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>International Master of Science in Biomedical Engineering</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Master of Science in Biomedical Engineering</td>
<td>3</td>
<td>B</td>
</tr>
</tbody>
</table>

Teaching languages
Dutch, English

Keywords
Leadership, change management, health care systems, quality systems, bioethics, health economics

Position of the course
Prepare biomedical engineering students for leadership roles in health care organisations (government, health care institutions, hospitals, MedTech companies)

Contents
18 lectures
- Leadership styles and models (2)
- Change management in health care (2)
- Vision of WHO and international health care systems (2)
- Belgian health care system and its governance (2)
- Quality systems in companies and accreditation in hospitals (3)
- Introduction to bioethics (3)
- Introduction to health economics (4)

Initial competences
No specific prior knowledge required

Final competences
Insight in leadership and quality-ethical-economical thinking in complex health care issues and medical technology

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

(Approved)
Teaching methods
Guided self-study, lecture, project, self-reliant study activities

Extra information on the teaching methods
Lectures, work package on health economics

Learning materials and price
Syllabus, hand-outs of powerpoint presentations

References
• Followership: A practical guide to aligning leaders and followers, Tom Atchinson
• The healthcare quality book: vision, strategy and tools, Maulik Joshi
• Gezondheidseconomie voor niet-economen, Lieven Annemans

Course content-related study coaching

Evaluation methods
end-of-term evaluation

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

Possibilities of retake in case of permanent evaluation
not applicable

Extra information on the examination methods
• End-of-term evaluation during the first examination period: oral examination with closed book and project defence
• End-of-term evaluation during the second examination period: oral examination with closed book and project defence

Calculation of the examination mark