Minor Health Care Management 2017-2018
Hier vind je de beschrijvingen van de vakken in de minor. Meer inhoudelijke informatie over de minor vind je op minor.vu.nl.
### Inhoudsopgave

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Economic Assessment of Health Care

Doel vak
Learning objectives for this course are:

Academic skills
- the student is able to conduct a basic statistical analysis for an economic evaluation within a structured assignment;
- the student is able to coherently report findings from an economic evaluation in a written report.

Research skills
- the student is able to design a basic economic evaluation alongside a randomized controlled trial;
- the student is able to correctly interpret and report the findings from an economic evaluation alongside a randomized controlled trial;
- the student is able to critically assess a published economic evaluation.

Quantitative skills
- the student is able to perform a basic cost-effectiveness analysis (Incremental Cost-Effectiveness Ratio, bootstrapping, cost-effectiveness plane, cost-effectiveness acceptability curve) within a structured assignment.

Knowledge
- the student is able to explain why economic evaluations are fundamental for making allocation decisions in health care;
- the student has basic knowledge on the design, analysis, interpretation and reporting of economic evaluations.

Bridging theory and practice
- the student is able to formulate a reimbursement decision based on the knowledge obtained from an economic evaluation.

Inhoud vak
At the end of this course, you know the basic essentials of economic evaluations of health care processes and health care technology. You will be able to make an informed choice between a trial-based and a model-based approach. The limitations of economic evaluations will be clear and they can be taken into account in designing a specific evaluation project. You will be able to critically assess the results of cost-effectiveness studies conducted alongside a randomized controlled trial, and you will be able to interpret and use information from published...
economic evaluations.

Onderwijsvorm
Lectures: 12 * 2 hours = 24 hours
Tutorials (including computer practica): 5 * 4 = 20 hours, at least 75% of the tutorial should be attended by the student

Toetsvorm
Written exam: individual assessment, 60% of the final grade, minimum required 5.5
Assignments: group assessment (groups of two students), 40% of the final grade, minimum required 5.5, maximum grade resit 6.5

Literatuur
Selected literature will be available in Canvas.

Vereiste voorkennis
None

Aanbevolen voorkennis
None

Doelgroep
Third year BSc students doing the minor Health Care Management

Economics of the Dutch Health Care System

<table>
<thead>
<tr>
<th>Vakcode</th>
<th>E_EBE3_EDHCS ()</th>
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<td>School of Business and Economics</td>
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<tr>
<td>Coördinator</td>
<td>dr. F.R.M. Portrait</td>
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<td>Examinator</td>
<td>dr. F.R.M. Portrait</td>
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<tr>
<td>Docent(en)</td>
<td>dr. F.R.M. Portrait, dr. A.H.E. Koolman, B.H. Salampessij MSc</td>
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Doel vak
At the end of the course you can:
- explain the trend in health care expenditures in The Netherlands (Bridging theory and practice);
- apply health economic theory to analyze and evaluate the recent developments in the Dutch health care market for cure, the Dutch long-term care market ("care") and the disability insurance market (Knowledge; Bridging theory and practice);
- understand the role of the government in the Dutch care markets (Bridging theory and practice);
- identify and understand the most important issues within the Dutch care system and evaluate already implemented or future solutions (Research skills; Broadening your horizon);
- understand and apply economic concepts to measure and interpret the (relative) efficiency of healthcare providers (Knowledge, Bridging theory and practice).
Inhoud vak
Health care economics is concerned with the provision of, and demand for, health care. We will discuss the relevant economic theories and concepts that are necessary to understand the working of the (Dutch) health care markets: the market for cure, the market for care and the market for disability insurance. During the course students will study how policy makers try to achieve the policy objectives of high quality, affordable and accessible care in the Netherlands. Dutch health care institutions and current regulations will be presented.

Onderwijsvorm
Lectures.
Tutorials.

Toetsvorm
One written exam – individual assessment.
Two take-home assignments – group assessment.

Literatuur
Eric Schut and Marco Varkevisser (2012): Economie van de gezondheidszorg, Reed Business (vijfde druk).

Vereiste voorkennis
None.

Aanbevolen voorkennis
None.

Financial Management in Health Care Organizations

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Doel vak
In the Netherlands more than 15 percent of the Gross Domestic Product (GDP) is spent on health care. Based on the long-term trends that are visible in healthcare, such as the aging population, comorbidity, individualization, self-direction and the unlimited availability of information, it is clear that the expenditure on health care will continue the coming years. The government is looking for measures to control this. In order to operate efficiently, health care managers need to have knowledge of the playing field in which health care organizations are essential to make a good translation for the internal control on the basis of management information. The course Financial Management for Healthcare Organizations is part of the minor Health care management and provides students tools and instruments which are essential for the financial management of health care organizations such as hospitals,
health insurers and primary care organizations.

At the end of this course students have developed knowledge and competences in different fields of financial management in the health care:
- Students are able to discuss the role of financial management in health care organizations (Academic skills);
- Students can explain how developments in health care affect cost of health care organizations (Academic skills);
- Students have knowledge of the different costing systems and are able to apply these costing systems in a health care context (Link with practice);
- Students are able to develop budget systems and are able to evaluate the effectiveness of budgeting (Link with practice);
- Students are able to explain the specific characteristics and additional requirements of financial reporting for health care organizations (Knowledge);
- Students are able to calculate and analyze financial ratios of health care organizations (Knowledge);
- Students understand the meaning of the governance codes for health care organizations and the quality of care these organizations deliver (Knowledge).

Inhoud vak
This course is relevant for SBE students who want to apply financial accounting, management accounting and management control knowledge in healthcare organizations. The course will also provide medicine students, earth & life science students and social sciences students who are going to work as clinicians or health care managers relevant financial management tools and instruments to deal with health care organization topics. More specifically, this course pays particular attention on the usefulness of management accounting information, management control systems and financial accounting information to support considered decisions in order to manage economically healthy businesses in the healthcare sector.

Onderwijsvorm
Lectures.
Tutorials (with cases).

Toetsvorm
Group assessments weekly cases (grades for case solutions as well as case presentation)
Multidisciplinary case assessment (grade for case solution as well as individual presentation)

Literatuur

Obligatory reading: Syllabus Financial management in health care organizations (available on Canvas)

Vereiste voorkennis
None.
Aanbevolen voorkennis
None.

Health Care Management

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Doel vak
This course introduces organizational theories that are relevant to health care organizations. Students will practice in applying these theories to real-life problems in health organizations. Both approaches contribute to enabling students to:
- gain understanding of different management practices (Knowledge; Bridging theory and practice);
- analyse the influence of management practices on motivation of individuals (Research skills);
- understand and solve situations of conflict within health care organizations (Academic skills; Knowledge; Bridging theory and practice);
- develop strategies for health organizations (Research skills; Bridging theory and practice);
- have theoretical and practical insight into leadership and leadership styles (Knowledge; Bridging theory and practice);
- communicate effectively (Social skills);
- manage and coordinate teams of health care professionals (Knowledge; Social skills).

Inhoud vak
Health organizations are fast changing entities, partly driven by new technological developments and by social complexity. This course helps students how to effectively contribute to the performance in health care institutions. This requires a good understanding of the macro-elements of organizational behavior, such as management abilities and strategic orientation. The following subjects will be addressed: motivation, management of professionals, leadership and leadership styles, and communication. In this course, relevant management theories will be discussed and applied to the health care sector. Students will practice in work groups on the assignment to prepare a policy paper.

Onderwijsvorm
Lectures.
Tutorials.

Toetsvorm
Written exam – Individual assessment.
Assignment – Performance as project manager.
Literatuur
Textbook to be announced.
Additional reading (will be published on Canvas).

Vereiste voorkennis
None.

Aanbevolen voorkennis
None.

Health Economics

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Doel vak
In this course students learn to:
• make economic analyses of health care policies (Knowledge; Research Skills);
• analyse health care policy objectives (Research Skills);
• measure the extent in which health care policy objectives have been reached (Research Skills);
• formulate economic requirements for effective health care systems (Academic Skills);
• identify causes of cost increase in health care (Academic Skills);
• perform longitudinal analyses of cost developments in health care (Research Skills);
• design measures for effective cost containment (Academic Skills).

Inhoud vak
The central theme of this course is the economic optimalization of health care systems. This course provides students the necessary economic knowledge to analyse health care policy and to analyse the economic effects of health care policy measures. The following topics will be addressed:
• health care system's main objectives;
• methods to evaluate the economic performance of health care;
• the analysis of the influence of market coordination;
• the causes of growth in health care expenditures;
• diversification of health care processes and ways to control this variation;
• cost control in health care.

Onderwijsvorm
Lectures.
Tutorials.
**Toetsvorm**
Written exam - individual assessment.
Assignment (policy report).

**Literatuur**
Selection of chapters from Bhattacharya, J., T. Hyde and T. Tu (2014):
Health Economics, Palgrave McMillan.

Papers, to be published on Canvas.

**Vereiste voorkennis**
None.

**Aanbevolen voorkennis**
None.