## UNIVERSITY OF SOUTHERN DENMARK HEALTH SCIENCES

| Course description<br>Master of Science Public Health |  |                                 |                   |  |  |  |  |
|---|--|---------------------------------|-------------------|--|--|--|--|
| Module responsible:<br>Leena Eklund Karlsson          |  | Last updated:<br>September 2017 | Page 1 of 2 pages |  |  |  |  |
| Module title  | Module number: 3967402<br>Module title: Evaluation   |                                 |                   |  |  |  |  |
| ECTS-points   | 7.5  |                                 |                   |  |  |  |  |
| Responsible insti-<br>tute                            | Unit for Health Promotion Research, Department of Public Health  |                                 |                   |  |  |  |  |
| Prerequisites<br>connected to the<br>module           | None   |                                 |                   |  |  |  |  |
| General<br>objectives                                 | <ul> <li>This module focuses on the methods underlying the various types of evaluation used to assess health interventions, policies and programs.</li> <li>Evaluation is essential to prove the different outcomes of such initiatives, and to increase their effectiveness in achieving their aims.</li> <li>The course will increase the competencies of the students with respect to: <ul> <li>understanding how evaluation can help us in doing more rational social decision-making</li> </ul> </li> </ul> |                                 |                   |  |  |  |  |
|   | <ul> <li>assessing and applying evaluation methods to different health initiatives</li> <li>The focus of the module is both on the methods and theories of evaluation in general (including economic evaluation) with application to the public health sector.</li> </ul>  |                                 |                   |  |  |  |  |
| Specific  | After participating in the module the student will be able to:   |                                 |                   |  |  |  |  |
| competency objectives                                 | <ul> <li>critically discuss the rationale for evaluation of public health in-<br/>terventions</li> </ul>   |                                 |                   |  |  |  |  |
|   | • relate and discuss the different methods of evaluation (process, formative, impact, outcome and economic evaluations) and their role in the decision-making process  |                                 |                   |  |  |  |  |
|   | • Identify and explain standard terms, theories, designs and methods commonly used in evaluation   |                                 |                   |  |  |  |  |
|   | • explain and apply cost-benefit analysis, cost-utility analysis and cost-effectiveness analysis   |                                 |                   |  |  |  |  |
|   | • Apply these theories in the assessment of various case studies at hand and   |                                 |                   |  |  |  |  |
|   | • design a concrete evaluation plan of an intervention with appro-<br>priate data collection and analysis methods (quantitative, qualita-<br>tive and economic)  |                                 |                   |  |  |  |  |

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| Module responsible:<br>Leena Eklund Karlsson               |   | Last updated:<br>September 2017 | Page 2 of 2 pages              |  |  |  |
| Module title:  | : Evaluatio   | <b>Dn</b>                       | Iodule number: 3967402         |  |  |  |
| Time of teaching<br>Competency profile<br>of the education | 2 <sup>nd</sup> semester, 1 <sup>st</sup> quarter (Spring semester)<br>This module contributes to the elements 2, 3, 6, 7, 9 and 10 of the com-<br>petency profile of the education (see MSc in Public Health curriculum<br>section 1.4)  |                                 |                                |  |  |  |
| Type of teaching   | In this module the students will acquire new knowledge on methods<br>underlying the various types of evaluation and will train their ability to<br>assess and apply evaluation methods to different health initiatives and<br>case studies. Teaching methods will include lectures, group work, writ-<br>ten course assignment in groups as well as TBL (Team-Based-Learning) |                                 |                                |  |  |  |
| Prerequisites con-<br>nected to the exam-<br>ination       | None  |                                 |                                |  |  |  |
| Type of examina-<br>tion                                   | Individually written compulsory paper (evaluation plan). The assignment description for the paper is distributed two weeks before deadline.<br>Size of paper: 6 normal pages.<br>Internal censorship.<br>Grading by the 7-point grading scale.  |                                 |                                |  |  |  |
| Evaluation at the<br>grade 12 / evalua-<br>tion Pass       | Grade 12 is given if the student has shown excellent performance, hav-<br>ing comprehensively fulfilled the module's objectives with no or only a<br>few minor weaknesses.  |                                 |                                |  |  |  |
| Approved by  | The Academi   | c Study Board of Public Health  | Approved on<br>12 October 2017 |  |  |  |