Title of Module:
Health Risk Assessment

Coordinator(s) / organiser(s):
Dr. Santi Martini, dr., M.Kes. (Module Leader)

Teaching Faculty

<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
<th>Qualifications*</th>
<th>Hours contributed</th>
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</thead>
<tbody>
<tr>
<td>Dr.</td>
<td>Santi Martini</td>
<td>dr., M.Kes., Dr.</td>
<td>9.5</td>
</tr>
<tr>
<td>Dr.</td>
<td>Atik Choirul Hidajah</td>
<td>dr., M.Kes., Dr.</td>
<td>9.5</td>
</tr>
<tr>
<td>drg.</td>
<td>Arief Hargono</td>
<td>drg., M.Kes.</td>
<td>17.17</td>
</tr>
<tr>
<td>Ms.</td>
<td>Lucia Yovita Hendrati</td>
<td>S.KM., M.Kes.</td>
<td>17.16</td>
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*PhD, Master, 20 years service (in practice) etc. Only provide details for faculty responsible for 25% or more of course load.

Core / elective or optional:
Elective:
Health Measurement (KME422)
Mapping of Risk and Disease Pattern (KME423)

<table>
<thead>
<tr>
<th>Number of SKS credits allocated</th>
<th>Student's workload in hours</th>
<th>Contact work hours*</th>
<th>Self-study work hours</th>
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<tbody>
<tr>
<td>4 SKS</td>
<td>181.33</td>
<td>53.33</td>
<td>128</td>
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*includes lectures, seminars, face-to-face, assessments

Learning competences / objectives
On successful completion of this module students will be able to:
Health Measurement:
1. Arrange the health measurement for personal or community with considering to instrument validity and reliability aspects
Mapping of Risk and Disease Pattern:
1. Interpret the data and information related to risks and benefits

Syllabus content. Brief overview of syllabus using bullet points.
Health Measurement:
• Validity and reliability measurement
• Physical disability measurement
• Social health measurement
• Psychology wellbeing measurement
• Depression measurement
• Mental status measurement
• Pain measurement
• Quality of life measurement
Mapping of Risk and Disease Pattern:
- Mapping concept of risk
- Mapping use HealthMapper
- Data base in Health Mapper
- Spatial descriptive analysis use Epi Map
- Analysis and interpretation of mapping result

Module level timetable - indicate the timing of the teaching sessions from the upcoming teaching year:
Health Measurement: 6th semester
Mapping of Risk and Disease Pattern: 7th semester

Pedagogic/teaching methodology:
In this module, scheduled learning includes lectures and discussions. The students are divided into groups and each gets the different topic for discussion. Then, they have to present their result in the classroom.

Assessments used:
There are three types of examination:
1. Middle examination (40%)
2. Final examination (40%)
3. Structured assignment (20%)
Each examination takes 100 minutes includes multiple choice questions, essays, and short answer questions. The examination assesses the students’ knowledge and understanding and all learning outcomes of the module. Structured assignment is given by writing a paper then the students present it.

<table>
<thead>
<tr>
<th>Weeks required and place in academic calendar:</th>
<th>Number of weeks</th>
<th>Week number</th>
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<tbody>
<tr>
<td>Health Measurement Weeks beginning 02/2020 – 05/2020</td>
<td>16</td>
<td>17-32</td>
</tr>
<tr>
<td>Mapping of Risk and Disease Pattern Weeks beginning 08/2020 – 11/2020</td>
<td>16</td>
<td>1 – 16</td>
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