<table>
<tr><td>Module Name</td><td>:</td><td>Biophysics</td></tr>
<tr><td>Module Level</td><td>:</td><td>-</td></tr>
<tr><td>Code</td><td>:</td><td></td></tr>
<tr><td>Subtitle</td><td>:</td><td>-</td></tr>
<tr><td>Courses</td><td>:</td><td>Biophysics</td></tr>
<tr><td>Semester(s) in which the module is taught</td><td>:</td><td>5th/ 7th</td></tr>
<tr><td>Module Coordinator</td><td>:</td><td>Dwi Teguh Raharjo, S.Si, M.Si</td></tr>
<tr><td>Lecturer(s)</td><td>:</td><td></td></tr>
<tr><td>Language</td><td>:</td><td>Bahasa Indonesia and English</td></tr>
<tr><td>Classification within the curriculum</td><td>:</td><td>Elective courses</td></tr>
<tr><td rowspan="2">Teaching format/ class hours per week during the semester</td><td rowspan="2">:</td><td>Teaching format: Discussion, Presentation, and Simulation</td></tr>
<tr><td>Lecture: 2 x 50 minutes/week = 100 minutes/week</td></tr>
<tr><td rowspan="4">Workload</td><td>:</td><td>16 effective weeks/semester</td></tr>
<tr><td></td><td>Lecture: 2 x 50 minutes/week x 16 weeks = 1600 minutes/semester</td></tr>
<tr><td></td><td>Structured assignments: 2 x 60 minutes/week x 16 weeks = 1920 minutes/semester</td></tr>
<tr><td></td><td>Private study: 2 x 60 minutes/week x 16 weeks = 1920 minutes/semester</td></tr>
<tr><td>Credit points</td><td>:</td><td>2 credit points (sks) = 3 ECTS</td></tr>
<tr><td>Requirements according to the examination regulations</td><td>:</td><td>1. A minimum of 75% attendance to attend an exam
2. Further regulated in the Rector’s Decree No. 31/2020 Article 29 and 30
3. Final score is obtained from the score conversion as follows
<table>
<tr><th>Scale of 100</th><th>Score</th><th>Grade</th></tr>
<tr><td>S ≥ 85</td><td>4</td><td>A</td></tr>
<tr><td>80 ≤ S < 85</td><td>3.7</td><td>A-</td></tr>
<tr><td>75 ≤ S < 80</td><td>3.3</td><td>B+</td></tr>
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<tr><td></td><td></td><td>
<table>
<tr><td>70 ≤ S < 75</td><td>3</td><td>B</td></tr>
<tr><td>65 ≤ S < 70</td><td>2.7</td><td>C+</td></tr>
<tr><td>60 ≤ S < 65</td><td>2</td><td>C</td></tr>
<tr><td>55 ≤ S < 60</td><td>1</td><td>D</td></tr>
<tr><td>S < 55</td><td>0</td><td>E</td></tr>
</table>
4. Students who have not achieved a minimum passing standard of 2.00 or (C), have the opportunity to improve their grades through remedial teaching given by the lecturer before giving the results of the assessment (yudisium).
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<tr><td>Prerequisites course(s)</td><td>:</td><td>-</td></tr>
<tr><td>Program Learning Outcome(s)</td><td>:</td><td>PLO-1 Able to master physics concepts and a scientific mindset based on natural phenomena that support physics learning in schools and further education
PLO-3 Able to use mathematical, computational, and instrumentation concepts to support understanding of physics concepts
PLO-8 Able to develop yourself through formal and non-formal education</td></tr>
<tr><td>Targeted Learning Outcome(s)</td><td>:</td><td></td></tr>
<tr><td>Content</td><td>:</td><td>BK-1 Structure and Function of Cells and Cell Membranes

BK-2 Energy Metabolism and Transformation

BK-3 Protein Structure and Function

BK-4 Structure and Function of DNA and RNA

BK-5 Force on the Human Body

BK-6 Pressure and Fluid Flow in the Body

BK-7 Bioelectrical and Electrical Body Cells

BK-8 Hearing and Vision</td></tr>
<tr><td>Assessment and Evaluation</td><td>:</td><td>
<table>
<tr><td>Participatory activity (Case Method)</td><td>25%</td></tr>
<tr><td>Project Product (Team-based project)</td><td>25%</td></tr>
<tr><td>Knowledge</td><td>Assignment: 0
Quiz: 0
Mid-term Exam: 25%</td></tr>
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		<table><tr><td></td><td>Final Term Exam: 25%</td></tr></table> The evaluation of the courses is carried out by the lecturer and the results of the questionnaires are filled in by the students (Reliability, Responsiveness, Assurance, Empathy, Tangible)
Forms of Media	:	Video Conference, LMS, Slide Presentation, Proyektor, Whiteboard
References	:	Other relevant sources include national and international scientific journals as learning sources