Lesson Plan

Course : General Biology
Code/Credit: BIO151 / 3 (Theory & Practice)
Semester : 1
Prerequisite : -

**Basic Competence:** 1.1 Understanding principles of general biology

**Indicators:**
- a. Explaining principles of biology as a discipline
- b. Giving examples biological objects
- c. Giving examples biological problems
- d. Explaining scope of biology as a discipline

**Topics (Learning Content/Subject Matter):**
1. Principles of general biology
2. Scope of biology as a discipline

**Teaching-Approach:** Discussion

**Time Allocation:** 4 x  50’

**Syntax Teaching (Steps for Lecturer’s Activity):**

<table>
<thead>
<tr>
<th>Component (Step)</th>
<th>Lecturer’s Activity</th>
<th>Time Alloc.</th>
<th>Method</th>
<th>Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>Giving examples or issues of process and product of research on biology. Explaining learning objectives and targets: are to identify biological problems and objects; explaining research methodologies on biology; and identifying types of research methodologies on biology based on the examples.</td>
<td>40’</td>
<td>Information</td>
<td>Presentation power-point Journals</td>
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<tr>
<td>Problem and procedure finding</td>
<td>Facilitating student’s discussion to identify biological problems and objects in the issues presented by the Lecturer. Facilitating student’s discussion to list steps or procedures were have done by the researcher in the each issue presented by the Lecturer</td>
<td>60’</td>
<td>Discussion and assignment</td>
<td></td>
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</table>
Facilitating student’s discussion to understand steps or procedures were have done by the researcher in the each issue presented by the Lecturer
Facilitating student’s discussion to define research methodologies on biology.
Facilitating student in searching information come from internet, about types of the research methodologies on biology

<table>
<thead>
<tr>
<th>Sharing</th>
<th>Facilitating student’s presentation, to share idea and opinion among groups</th>
<th>50’</th>
<th>discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarification</td>
<td>Guiding students to have conclusion about biological objects and problems</td>
<td>30’</td>
<td>discussion</td>
</tr>
<tr>
<td></td>
<td>Clarifying and reinforcing student’s conclusion or summary</td>
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<tr>
<td>Follow Up</td>
<td>Giving students a task to collect other examples/ issues of process and product of research on biology</td>
<td>20’</td>
<td>Assignment</td>
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</table>

References:


Techniques of Assessment:
An overall review (post test or discussion): on the relationship between objects and themes of biology
(answer: connection to the BSCS diagram in the manual)

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