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| <b>Course Title</b>  | Biology 2   |                      |                     |
| <b>Semester</b>      | 1-2   | <b>Course Type</b>   | Basic               |
| <b>Course Number</b> | 19845-00  | <b>No. of Credit</b> | 3/3/0               |
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| <b>Objective</b>     | <p>Following the lecture of Biology 1, this lecture is to learn the structure and function of living organisms in the biosphere to understand the concepts and phenomena of life.</p>   |                      |                     |
| <b>Syllabus</b>      | <ol style="list-style-type: none"> <li>1. Unifying Concepts of Animal Structure and Function,</li> <li>2. Nutrition and Digestion</li> <li>3. Gas Exchange</li> <li>4. Circulation</li> <li>5. The Immune System</li> <li>6. Control of Body Temperature and Water Balance</li> <li>7. Hormones and the Endocrine System</li> <li>8. Reproduction and Embryonic Development</li> <li>9. Nervous Systems</li> <li>10. The Senses</li> <li>11. How Animals Move</li> <li>12. Plant structure, Growth, and Reproduction</li> <li>13. Plant Nutrition and Transport</li> <li>14. Control Systems in Plants</li> <li>15. The Biosphere: An Introduction to Earth's Diverse Environments</li> <li>16. Behavioral Adaptations to the Environment</li> <li>17. Population Ecolog</li> </ol> |                      |                     |