

Course Title	Biology 1		
Semester	1-1	Course Type	Basic
Course Number	19844-00	No. of Credit	3/3/0
Professor	Jae-rang Rho	E-mail	jrrho@cnu.ac.kr
Objective	Studies on the basic concepts of biological system to understand different life systems to improve the quality of human life.		
Syllabus	<ol style="list-style-type: none"> 1. Biology : Exploring life & The Chemical basis of life 2. The molecule of cells 3. A tour of the cell 4. The working cell 5. How cell harvest chemical energy/Photosynthesis : using light to make food 6. The cellular basis of reproduction and inheritance 7. Patterns of inheritance 8. Molecular biology of the gene 9. How genes are controlled? 10. DNA technology and genomics 11. How population evolve 12. The origin of species & Tracing evolutionary history 13. The origin and evolution of microbial life 14. Plant, fungi, and the colonization of land 15. The evolution of animal diversity & Human evolution 		