

Course Title	Basic Cell Biology		
Semester	2-1	Course Type	Core
Course Number	31242-00	No. of Credit	3/3/0
Professor	Soojin Lee	E-mail	leesoojin@cnu.ac.kr
Objective	<p>The lecture course will explore the structure and function of cells, including the complexity and purpose of cell compartmentalisation in higher life-forms. This course aims to provide basic conceptual understanding of Cell Biology to support later studies in applied biology, genetics, microbial, and animal physiology, and molecular cell biology.</p>		
Syllabus	<ol style="list-style-type: none"> 1. Introduction to Cell Biology 2. The Structure and Functions of Biological Molecules 3. Genes, Chromosomes and Genomes 4. The Path to Gene Expression I 5. The Path to Gene Expression II 6. Controlling Gene Expression I 7. Controlling Gene Expression II 8. Cellular Membranes 9. Mitochondrial Structure and Function 10. The Extracellular Matrix and Cell Interactions 11. Cellular Organelles and Membrane Trafficking 12. The Cytoskeleton I 13. The Cytoskeleton II 		