

Course Title	Microbial Ecology		
Semester	2-2	Course Type	Core
Course Number	22670-00	No. of Credit	3/3/0
Professor	Seung-Bum Kim	E-mail	sbk01@cnu.ac.kr
Objective	<p>This course is aimed to provide students the basis of the various microbial environments and its relationship with other organisms including humans.</p>		
Syllabus	<ol style="list-style-type: none"> 1. Microbial ecology: introduction 2. Microbial diversity 3. Microbial environments- Earth 4. Aeromicrobiology 5. Aquatic environments 6. Extreme environments 7. Environmental sample collection and processing 8. Methods in microbial ecology 9. Microscopic techniques 10. Culture based methods 11. Physiological methods 12. Immunological methods 13. Nucleic Acid-Based methods 14. Metagenome and microbiome 		

