

Course Title	Basic Bacteriology		
Semester	3-1	Course Type	Advanced
Course Number	31243-00	No. of Credit	3/3/0
Professor	Seung-Bum Kim	E-mail	sbk01@cnu.ac.kr
Objective	<p>Understanding on the definition of prokaryotes, global biodiversity of prokaryotes, metabolic diversity of prokaryotes, prokaryotic genomics, and potential for industrial applications of prokaryotes.</p>		
Syllabus	<ol style="list-style-type: none"> 1. Introduction on the module 2. Origin of life and early life on earth 3. Evolution of prokaryotes 4. Classification of prokaryotes 5. Species concept for prokaryotes 6. Bacterial diversity - Proteobacteria I 7. Bacterial diversity - Proteobacteria II 8. Bacterial diversity - Firmicutes 9. Bacterial diversity - Actinobacteria 10. Other Bacterial Groups I 11. Archaeal diversity I 12. Archaea diversity II 13. Prokaryotic genomics I 14. Prokaryotic genomics II 		

