

Ph.D. Program in Biochemical Technology, Department of Applied Chemistry
 Chaoyang University of Technology Graduate Course Requirement
 (for the students of day division admitted in the 2024 academic year)

Code	Core courses	Credit
05363	Special Topics and Research in Biomedical Sciences (III)	3
08248	Special Topics and Research in Chemical Technology (II)	3
05364	Special Topics and Research in Biomedical Sciences (IV)	3
08249	Special Topics and Research in Chemical Technology (III)	3
08247	Special Topics and Research in Chemical Technology (I)	3
05362	Special Topics and Research in Biomedical Sciences (II)	3
05361	Special Topics and Research in Biomedical Sciences (I)	3
08250	Special Topics and Research in Chemical Technology (IV)	3
Total:		24
Code	Elective courses	Credit
08254	Higher Metabolic Engineering	3
01763	Advanced Analytical Chemistry	3
04939	Proteomics	3
10199	Biological Processes of Environmental Engineering	3
08735	Advanced Research in Medicinal Mushrooms	3
01173	Special Topics of Air Pollution	3
08253	Advances in Herbal Biotechnology	3
09093	Environmental Physics Principles	3
08646	Advance Technical Writing and Communicating	3
09094	Environmental Chemistry Principles	3
06617	Cell Biology Technologies for Advanced Study	3
Total:		33
University Requirements		
Core courses	8 courses 12 credits	
Elective courses	Minimum elective 12 credits	
Total requirement	30credits	