

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 2021 academic year)

Code	Core courses	Credit
05361	Special Topics and Research in Biomedical Sciences (I)	3
08250	Special Topics and Research in Chemical Technology (IV)	3
05364	Special Topics and Research in Biomedical Sciences (IV)	3
05363	Special Topics and Research in Biomedical Sciences (III)	3
08247	Special Topics and Research in Chemical Technology (I)	3
08249	Special Topics and Research in Chemical Technology (III)	3
08248	Special Topics and Research in Chemical Technology (II)	3
05362	Special Topics and Research in Biomedical Sciences (II)	3
Total:		24
Code	Elective courses	Credit
10199	Biological Processes of Environmental Engineering	3
05869	Advanced Biochemistry	3
08646	Advance Technical Writing and Communicating	3
09094	Environmental Chemistry Principles	3
08253	Advances in Herbal Biotechnology	3
08735	Advanced Research in Medicinal Mushrooms	3
05365	Advanced Biostatistics	3
01173	Special Topics of Air Pollution	3
08252	Advanced Organic Spectroscopy	3
08254	Higher Metabolic Engineering	3
01813	Advanced Instrumental Analysis	3
04939	Proteomics	3
05160	Advanced Organic Synthesis	3
01763	Advanced Analytical Chemistry	3
09093	Environmental Physics Principles	3
08251		3
06617	Cell Biology Technologies for Advanced Study	3
Total:		51
University Requirements		
Core courses	8 courses 12 credits	
Elective courses	Minimum elective 12 credits	
Total requirement	30credits	