

Master Program in Biochemical Technology, Department of Applied Chemistry
 Chaoyang University of Technology Graduate Course Requirement
 (for the students of day division admitted in the 2014 academic year)

Code	Core courses	Credit
	Lecture in Biotechnology	0
	Lecture in Biotechnology	0
	Lecture in Biotechnology	0
	Lecture in Biotechnology	0
IB6045	Seminar (I)	1
IB6046	Seminar (II)	1
IB6047	Seminar (III)	1
IB6048	Seminar (IV)	1
Total:		4
Code	Elective courses	Credit
	Technologies for Cell Biology Studies	3
	Structural Biology	3
	Enzyme Chemistry and Engineering	3
	Applied English for biochemical Sciences and Technology	2
	Special Topics in Biochemical Engineering(IV)	3
		3
	Special Topics in Biochemical Engineering(II)	3
	Special Topics in Biochemical Engineering(III)	3
	Advanced Biochemical Engineering	3
	Development of Botanical Bioproduct	3
	Biological Fertilizers	3
	Analytical Biochemistry	3
		3
		3
		3
	Special Topics in Biochemical Engineering(I)	3
	Plant Cell and Tissue Culture Techniques	3
IB5004	Chinese Herbology	3
IB5005	Molecular and Cell Biology	3
IB5007	Applied Microbiology	3
IB6049	Bioindustry	3
IB6050	Biostatistics	2
IB6067	Advanced Biochemistry	3
IB6069	Environmental Biotechnology	3
IB6071	Molecular Genetics	3
IB6072	Plant Protection Biotechnology	3
IB6073	Bio-Information	3
IB6074	Bioprocess Engineering	3

Master Program in Biochemical Technology, Department of Applied Chemistry
 Chaoyang University of Technology Graduate Course Requirement
 (for the students of day division admitted in the 2014 academic year)

Code	Elective courses	Credit
IB6075	Writing of Science and Technology Reports	2
IB6076	Safety Evaluation Technique for Bioproducts	3
IB6079	Protein Chemistry	3
IB6081	Biomedical Sciences	3
IB6085	Stem Cell and Tissue Engineering	3
IB6088	Development of Health Food	3
IB6089	Fermentation Engineering and Technology	3
IB8001	Proteomics	3
Total:		105

University Requirements	
Core courses	5 courses 4 credits
Elective courses	Minimum elective 20 credits
Total requirement	30credits