

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 2012 academic year)

Code	Core courses	Credit
IB6045	Seminar (I)	1
IB6046	Seminar (II)	1
IB6047	Seminar (III)	1
IB6048	Seminar (IV)	1
IB6049	Bioindustry	3
IB6050	Biostatistics	2
Total:		9
Code	Elective courses	Credit
	Advanced Biochemical Engineering	3
	Applied English for biochemical Sciences and Technology	2
	Enzyme Chemistry and Engineering	3
	Development of Botanical Bioproduct	3
	Analytical Biochemistry	3
	Biological Fertilizers	3
	Technologies for Cell Biology Studies	3
	Case study on the management of quality agriculture(I)	3
	Structural Biology	3
	Plant Cell and Tissue Culture Techniques	3
IB5004	Chinese Herbology	3
IB5005	Molecular and Cell Biology	3
IB5007	Applied Microbiology	3
IB6051	Special Topics and Research in Plant Biotechnology (I)	2
IB6052	Special Topics and Research in Plant Biotechnology (II)	2
IB6053	Special Topics and Research in Plant Biotechnology (III)	3
IB6054	Special Topics and Research in Plant Biotechnology (IV)	3
IB6059	Special Topics and Research in Bioprocess (I)	2
IB6060	Special Topics and Research in Bioprocess (II)	2
IB6061	Special Topics and Research in Bioprocess (III)	3
IB6062	Special Topics and Research in Bioprocess (IV)	3
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
IB6075	Writing of Science and Technology Reports	2
IB6076	Safety Evaluation Technique for Bioproducts	3
IB6079	Protein Chemistry	3

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Code	Elective courses	Credit
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:		99

University Requirements	
Core courses	6 courses 9 credits
Elective courses	Minimum elective 15 credits
Total requirement	30credits