

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 2011 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
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)	2
IB6054	Special Topics and Research in Plant Biotechnology (IV)	2
IB6055	Special Topics and Research in Plant Preservation Biotechnology (I)	2
IB6056	Special Topics and Research in Plant Preservation Biotechnology (II)	2
IB6057	Special Topics and Research in Plant Preservation Biotechnology (III)	2
IB6058	Special Topics and Research in Plant Preservation Biotechnology (IV)	2
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)	2
IB6062	Special Topics and Research in Bioprocess (IV)	2
IB6063	Special Topics and Research in Biomedical Sciences (I)	2
IB6064	Special Topics and Research in Biomedical Sciences (II)	2
IB6065	Special Topics and Research in Biomedical Sciences (III)	2
IB6066	Special Topics and Research in Biomedical Sciences (IV)	2
IB6067	Advanced Biochemistry	3
IB6068	Immunology	3
IB6069	Environmental Biotechnology	3
IB6070	Instrumental Analysis in Biochemistry	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
IB6077	English for Science and Biotechnology	2

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 2011 academic year)

Code	Elective courses	Credit
IB6078	Enzymology	3
IB6079	Protein Chemistry	3
IB6080	Biochemical Engineering	3
IB6081	Biomedical Sciences	3
IB6082	Plant Tissue Culture Techniques	3
IB6083	Development of Botanical Bioproduct	3
IB6084	Molecular detection techniques; principles and application	3
IB6085	Stem Cell and Tissue Engineering	3
IB6086	License Application Practice of Health and Wellness Packaged Foods	3
IB6088	Development of Health Food	3
IB6089	Fermentation Engineering and Technology	3
IB6090	Technologies for Cell Biology Studies	3
Total:		108
University Requirements		
Core courses	6 courses 9 credits	
Elective courses	Minimum elective 15 credits	
Total requirement	30credits	