

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 2017 academic year)

<b>Code</b>	<b>Core courses</b>	<b>Credit</b>
	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
<b>Total:</b>		<b>4</b>
<b>Code</b>	<b>Elective courses</b>	<b>Credit</b>
	Development of Botanical Bioproduct	3
	Enzyme Chemistry and Engineering	3
	Analytical Biochemistry	3
	Special Topics of Biochemistry	3
	Special Topics in Biochemical Engineering(II)	3
	Structural Biology	3
		3
		3
		3
	Special Topics of Biochemical Engineering	3
	Technologies for Cell Biology Studies	3
		3
	Special Topics in Biochemical Engineering(III)	3
	Biological Fertilizers	3
	Special Topics in Biochemical Engineering(IV)	3
		3
	Special Topics in Biochemical Engineering(I)	3
IB5004	Chinese Herbology	3
IB5005	Molecular and Cell Biology	3
IB5007	Applied Microbiology	3
IB6049	Bioindustry	3
IB6050	Biostatistics	2
IB6071	Molecular Genetics	3
IB6072	Plant Protection Biotechnology	3
IB6074	Bioprocess Engineering	3
IB6075	Writing of Science and Technology Reports	2
IB6079	Protein Chemistry	3
IB6085	Stem Cell and Tissue Engineering	3

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Code	Elective courses	Credit
IB6088	Development of Health Food	3
IB6089	Fermentation Engineering and Technology	3
<b>Total:</b>		<b>88</b>

<b>University Requirements</b>	
<b>Core courses</b>	<b>5 courses 4 credits</b>
<b>Elective courses</b>	<b>Minimum elective 20 credits</b>
<b>Total requirement</b>	<b>30credits</b>