

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 2015 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 |
| | | 3 |
| | Enzyme Chemistry and Engineering | 3 |
| | Special Topics in Biochemical Engineering(IV) | 3 |
| | Development of Botanical Bioproduct | 3 |
| | Special Topics in Biochemical Engineering(III) | 3 |
| | Analytical Biochemistry | 3 |
| | | 3 |
| | | 3 |
| | Technologies for Cell Biology Studies | 3 |
| | Advanced Biochemical Engineering | 3 |
| | Biological Fertilizers | 3 |
| | | 3 |
| | Structural Biology | 3 |
| | Special Topics in Biochemical Engineering(II) | 3 |
| | Plant Cell and Tissue Culture Techniques | 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 |
| IB6067 | Advanced Biochemistry | 3 |
| 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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|---------------|---|-----------|
| IB6088 | Development of Health Food | 3 |
| IB6089 | Fermentation Engineering and Technology | 3 |
| Total: | | 88 |

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