

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
AC5001	Seminar (I)	1
AC5007	Seminar (II)	1
AC5014	Lecture in Chemistry	0
AC5014	Lecture in Chemistry	0
AC5014	Lecture in Chemistry	0
AC5014	Lecture in Chemistry	0
AC6039	Seminar (III)	1
AC6056	Seminar (IV)	1
AC6079	Master Dissertation	3
AC6079	Master Dissertation	3
Total:		10
Code	Elective courses	Credit
	Case study on the management of quality agriculture(I)	3
	Special Topics of Organic Chemical Specialty (IV)	3
	Special Topics of Organic Chemical Specialty (I)	3
	Special Topics of Organic Chemical Specialty (II)	3
	Special Topics of Organic Chemical Specialty (III)	3
	Basic Practice in Chemical Engineering	2
	Chemistries in Food Analysis	3
AC5004	Special Topics of Analytical Techniques(I)	3
AC5010	Special Topics of Analytical Techniques(II)	3
AC5019	Interpretation of Mass Spectra	3
AC5020	Introduction of Electrical and Optical Properties of Material	3
AC6001	Special Topics in Physical Chemistry	3
AC6002	Advanced Inorganic Chemistry	3
AC6003	Advanced Organic Chemistry	3
AC6004	Special Topics in Organic Reactions	3
AC6005	Special Topics in Spectroscopy of Organic Chemistry	3
AC6007	Special Topics in Analytical Chemistry	3
AC6009	Advance Techniques for Separation	3
AC6010	Special Topics in Analytical Chemistry of Medicine	3
AC6017	Spectroscopy Bio-macromolecules	3
AC6018	Advanced Chemical Kinetics	3
AC6019	Special Topics in Organometallic Chemistry	3
AC6020	Advanced Organic Synthesis	3
AC6028	Special Topics in Polymer Chemistry	3
AC6029	Advanced Instrumental Analysis	3
AC6033	Special Topics in Bio-organic Chemistry	3

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Code	Elective courses	Credit
AC6037	Special Topics in NMR Spectroscopy	3
AC6038	Writing of Science and Technology Reports	2
AC6042	Special Topics of Analytical Techniques(III)	3
AC6046	Advanced Pesticide Chemistry	3
AC6047	Advanced Surface Chemistry	3
AC6049	Electrochemical Analysis	3
AC6050	Special Topic in Analytical Technology of Material	3
AC6059	Special Topics of Analytical Techniques(IV)	3
AC6064	Special Topics in Analytical Chemistry of Environment	3
AC6068	Protein NMR	3
AC6082	Special Topic in Nanomaterials	3
AC6086	Advanced Composite Materials	3
AC6088	Special Topics in Food Technology	3
Total:		115

University Requirements	
Core courses	6 courses 4 credits
Elective courses	Minimum elective 20 credits
Total requirement	30credits