

Master of Arts in Teaching Chemistry
(Revised as of March 20, 2006)

Subject	Description	Unit
A. Foundation Courses (12 Units)		
Foundation Course 401	Philo-Psycho Foundation in Education	3
Foundation Course 402	Statistical Method	3
Foundation Course 403	Methods of Research	3
Foundation Course 404	Human Behavior in the Organization	3
B. Major Courses (18 Units)		
Chemistry 401	Advanced Inorganic Chemistry	3
Chemistry 402	Fundamentals of Physical Chemistry	3
Chemistry 403	Advanced Organic Chemistry with Laboratory	4
Chemistry 404	Fundamentals of Analytical Chemistry with Laboratory	4
Chemistry 407	Science Teaching and Testing with Practicum	4
C. Electives (9 Units)		
Chemistry 405	Mathematics of Chemistry Teachers	3
Chemistry 406	Environmental Chemistry	3
Chemistry 408	Bio-Chemistry	3
Chemistry 409	Selected Topics in Chemistry for Chemistry Teachers	3
Administration & Supervision 403	Trends, Problems & Innovations in Science Education	3
Administration & Supervision 408	Advanced English Communication	3
D. RSM 448	Thesis Seminar	3
E. Comprehensive Examination		
F. RSM 449	Master of Arts in Teaching – Research Paper	3