

Ph.D. Program Study Plan
Department of Curriculum & Instruction

Concentration: Science Education

Degree Requirements (60 Credit Hours Minimum)					
General Courses 9 Credit Hours					
Course code	Subj. No	Course Title	Cr. Hrs.	Pre-request	Sem.
CURR	701	Curriculum Theory and Practice	3		
FOED	702	Organizational Theory in Educational Leadership	3		
SPED	704	Teaching Children from Culturally and Linguistically Divers Background	3		
Research Methodology 9 Credit Hours of the Following:					
CURR	710	Quantitative Research Methods in Education	3		
CURR	712	Advanced Data Analysis in Quantitative Research	3	CURR 710	
CURR	713	Qualitative Research Methods in Education	3		
CURR	715	Mixed Methods Research in Education	3		
Concentration 9 Credit Hours of the Following:					
CURR	720	Philosophical and Historical Perspectives in Science Education	3		
CURR	721	Science Teacher Education: Theory and Practice	3		
CURR	722	Current issues in Science Education	3		
CURR	702	Theory and Research on Learning and Teaching	3		
CURR	732	Assessment in Science Education	3		
Elective 3 Credit Hours of the Following:					
CURR	705	Policy Analysis in Curriculum and Instruction	3		
CURR	707	Supervision in Curriculum and Instruction	3		
CURR	730	Advanced Studies in Science Teaching Methods	3		
CURR	731	Learning and Cognition in Science Education	3		
CURR	733	Integrating Technology in Learning and Teaching Science	3		
CURR	734	Special Topics	3		
CURR	723	Advanced Seminar in Science Education	3		
CURR	724	Independent Study in Science Education	3		
Comprehensive Examination (0 Credit Hours)					
CURR	800	Comprehensive Examination	0		
Dissertation Research (30 Credit Hours)					
CURR	810	Research Proposal	0		
CURR	900	Dissertation Research	30		
CURR	910	Dissertation Defense	0		