

Master of Education (Chemistry Education: MHPK) – 3 semesters**Year 1**

SEMESTER 1			SEMESTER 2		
CODE	SUBJECT	CREDIT	CODE	SUBJECT	CREDIT
U--- 60X3	University Core	3	MHPU 1044	Research Data Analysis	4
YHPP1013	Foundation of Education	3	MHPK 1123	Design and Implementation of Chemistry Curriculum	3
MHPU 1024	Research Methods in Education	4	MHPK 1113	Model in Teaching and Learning Chemistry	3
MHP- XXX3	Elective course 1	3	MHPK 1133	Testing and Evaluation in Chemistry Education	3
MHP- XXX3	Elective course 2	3	MHPT 1105	Research study I	5
TOTAL		13 (+3)	TOTAL		18

Year 2

SEMESTER 3					
CODE	SUBJECT	CREDIT	CODE	SUBJECT	CREDIT
MHPU 1013	Innovation in Learning and Teaching	3			
MHP- XXX3	Elective course 3	3			
MHP- XXX3	Elective course 4	3			
MHPT 2105	Research Study II	5			
TOTAL		14			

*(Students need to take 4 elective courses. 3 of them must be taken from the electives of this program (Chemistry Education) and 1 elective course is allowed to be taken from any mainstream program specialization at School of Education)

Master of Education (Chemistry Education: MHPK) – 4 semesters**Year 1**

SEMESTER 1			SEMESTER 2		
CODE	SUBJECT	CREDIT	CODE	SUBJECT	CREDIT
U--- 60X3	University Core	3	MHPU 1024	Research Methods in Education	4
YHPP1013	Foundation of Education	3	MHPK 1113	Model in Teaching and Learning Chemistry	3
MHP- XXX3	Elective course 1	3	MHPK 1133	Testing and Evaluation in Chemistry Education	3
MHP- XXX3	Elective course 2	3			
MHP- XXX3	Elective course 3	3			
TOTAL		12 (+3)	TOTAL		10

Year 2

SEMESTER 3			SEMESTER 4		
CODE	SUBJECT	CREDIT	CODE	SUBJECT	CREDIT
MHPK 1123	Design and Implementation of Chemistry Curriculum	3	MHPU 1013	Innovation in Learning and Teaching	3
MHPU 1044	Research Data Analysis	4	MHP- XXX3	Elective course 4	3
MHPT 1105	Research study I	5	MHPT 2105	Research Study II	5
TOTAL		12			11

*(Students need to take 4 elective courses. 3 of them must be taken from the electives of this program (Chemistry Education) and 1 elective course is allowed to be taken from any mainstream program specialization at School of Education)

Course Code	List of Program Elective Courses
MHPK 2213	Technology in Chemisry Education
MHPK 2263	Thinking Skills in Chemistry Education
MHPK 2223	Problem Solving in Chemisry Education
MHPK 2253	Teaching Reflection in Chemistry Education
MHPK 2243	Innovation and Creativity in Chemistry Education
MHPK 2233	Current Issues in Chemistry Education