

Master of Arts in Teaching Secondary Mathematics 9-12 (MAT) Program – Phase I

**** HPU STUDENTS ONLY ****

Courses		Credit
Math		
Two Math Courses <i>(Taken during Senior Year of Undergraduate Program)</i>	3000 or 4000 level course - TBA	6
(Choose Three) MTH 5001 MTH 5002 MTH 5003 MTH 5007 MTH 5008 MTH 5009 MTH 5010 MTH 5013 MTH 5040	Historical Development of Mathematics Combinatorics Graph Theory Number Theory Geometry Mathematical Models Topology Probability & Statistics Special Topics	9
Education		
EDU 4540/5040	Diversity in Education: Societal and Organizational Perspectives	3
EDU 5010	Advanced Instructional Technology for the 21 st Century	3
EDU 5050	Classroom Organization and Management	3
EDU 5070 OR EDU 5080	Trends and Issues in Education OR Advanced Educational Psychology	3
EDU 5160	Instructional Planning and Assessment in Secondary Mathematics	3
Capstone Experience		
EDU 5166	Using Data for Instructional Improvement	3
EDU 5261	Clinical Internship in Secondary Mathematics	3
Initial License in Secondary Mathematics Awarded after Passing Praxis II		

Master of Arts in Teaching Secondary Mathematics 9-12 (MAT) Program – Phase II

Courses		Credit
MATH:		
MTH 5099	Product of Learning	3
EDUCATION:		
EDU 5030	Methods of Educational Research	3
EDU 5060	Developing Leaders in 21 st Century Systems	3
“M” Level is added to the Initial License after Completion of Phase II		

Master of Arts in Teaching Secondary Mathematics 9-12 (MAT) Program
Suggested Program of Study
(This is a typical sequence of courses)

PHASE I				
Senior - Fall – Undergraduate Year 1			Senior - Spring – Undergraduate Year 1	
Math Course (1)	3		Math Course (2)	3
EDU 4540: Diversity in Education: Societal and Organizational Perspectives <i>(Or Fall of Senior Yr)</i>	3			
Summer I (June) Graduate School Year 1			Summer II (July) Graduate School Year 1	
Math Course (3)	3		EDU 5050: Classroom Organization and Management	3
Math Course (4)	3		EDU 5070: Trends and Issues in Education OR EDU 5080: Advanced Educational Psychology	3
Fall Semester Graduate School Year 2			Spring Graduate School Year 2	
Math Course (5)	3		EDU 5261: Clinical Internship in Secondary Mathematics	3
EDU 5160: Instructional Planning and Assessment in Secondary Mathematics	3		EDU 5166: Using Data for Instructional Improvement	3
			EDU 5010: Advanced Instructional Technology for the 21 st Century	3

PHASE II				
Summer or Fall Semester Year 3			Fall or Spring Semester Year 3	
EDU 5030: Methods of Educational Research	3		MTH 5099: Product of Learning	3
EDU 5060: Developing Leaders in 21 st Century Systems	3			