

Mathematics Education PhD Program of Study Worksheet

Student name:

W number:

Admit year:

<p>College wide (9 hours)¹</p> <p>PRST 5610 Intro to Doc Studies (required course) (fall) (3)</p> <p>PRST 5070 Intro to College Teaching (3)</p> <p>EDCI 5600 Diversity (spring) (3)</p> <p>EDAD 5720 Leader as Change Agent (3)</p> <p>EDCI 5730 Learning and Cognition (spring) (3)</p> <p>EDCI 5810 Writing for Professional Publications (spring) (3)</p> <p>PRST 5900 Practicum in College Teaching (3)</p> <p>EDRE 5660 Dissertation/Thesis Prospectus Writing (3)</p>	<p>Semester/Year Completed:</p>
<p>Mathematics (9 hours) Select with advisor, one of following options:</p> <ul style="list-style-type: none"> • Choose 3 courses, Middle Level Mathematics program: <ul style="list-style-type: none"> NASC 5140 Numbers and Operations MATH 5170 Connecting Geometry NASC 5185 Analysis of Data NASC 5190 Mathematics of Change • Choose 3 courses in the Department of Mathematics: <ul style="list-style-type: none"> MATH 5090 Topics in the Foundations of Mathematics MATH 5100 Seminar in Elementary School Mathematics MATH 5150 Seminar in Secondary School Mathematics MATH 5320 Mathematical Modeling Processes MATH 5400, Methods of Applied Mathematics I 	<p>Semester/Year Completed:</p>

¹ University of Wyoming class schedules can be found by semester and College at: http://www.uwyo.edu/registrar/class_schedules/

<ul style="list-style-type: none"> Choose 3 courses in mathematics that meet your specific needs and interests. Courses must be graduate-level courses. <p><u>Course 1:</u></p> <p><u>Course 2:</u></p> <p><u>Course 3:</u></p>	
<p>Mathematics Education (18 hours)</p> <p>EMAT 5100 Theory and Research in Mathematical Learning and Development (3)</p> <p>EMAT 5200 Advanced Study of Mathematics Curriculum, Assessment and Evaluation (3)</p> <p>EMAT 5300 Theory and Practice in Mathematics Teaching and Teacher Education (3)</p> <p>EMAT 5400 Analysis and Critique of Research in Mathematics Education (3)</p> <p>EMAT 5500 Colloquium in Mathematics Education (1-3)</p> <p><u>Additional Course1:</u></p> <p><u>Additional Course2:</u></p>	<p>Semester/Year Completed:</p>
<p>Research² (12 hours)</p> <p>EDRE 5550 Action Research (3)</p> <p>EDRE 5600 Ed Research 1: Descriptive (3)</p> <p>EDRE 5610 Ed Research: Group Comparison (3)</p> <p>EDRE 5620 Ed Research: Correlational Research (3)</p> <p>EDRE 5630: Ed Research 4: Multivariate Research (3)</p>	<p>Semester/Year Completed:</p>

² Educational Research course descriptions:
<http://www.uwyo.edu/clad/edresearch/courses.html>

EDRE course rotation:
<http://www.uwyo.edu/clad/files/documents/edresearch/edresearchschedule.pdf>

<p>EDRE 5640: Intro to Qualitative Research (3)</p> <p>EDRE 5645: Phenomenology, Case Study, & Grounded Theory in Qualitative Research (3)</p> <p>EDRE 5655: Ethnography & Narrative Inquiry in Qualitative Research (3)</p> <p>EDRE 5670: Mixed Methods Research (3)</p>	
<p>Electives (21 hours) Note: Some or all of elective courses are courses completed as part of the master's degree</p> <p><u>Course 1:</u></p> <p><u>Course 2:</u></p> <p><u>Course 3:</u></p> <p><u>Course 4:</u></p> <p><u>Course 5:</u></p> <p><u>Course 6:</u></p> <p><u>Course 7:</u></p>	<p>Semester/Year Completed:</p>
<p>Dissertation (12 hours)</p> <p>EMAT 5980 Dissertation Research (1-12)</p>	<p>Semester/Year Completed:</p>

Key Events

Committee Formation Paperwork Completed	DATE:
Program Of Study On File	
Human Subjects Certification (CITI) Completed	
Present Dissertation Research Idea to Committee	
Written Comprehensive Qualifying Exam	
Oral Exam/Prospectus Presentation To Committee	
Dissertation Defense	

Additional Achievements – To Be Determined with Advisor

Manuscript Submission, judged publishable by committee	DATE:
State, National, or International Conference Presentation	
Supervised Teaching Internship	
Teaching in UW Teacher Education Program	
Additional Expectations – Determined with Advisor	