

**University of Maryland Baltimore County/
Howard County Public School System**

**Master of Arts in Education
with a concentration in Mathematics Instructional Leadership
9-12 Secondary School Cohort**

**Program includes 36 total credit hours
Non-thesis option**

Year 1

Semester	Fall '07	Winter '08	Spring'08	Sum '08
Course Number	MAED 5**		MAED 5**	EDUC 795
Course Name	Mathematical Reasoning		Inquiry I: Patterns, Functions and Algebra	Seminar in the Study of Teaching
Course Number	MAED 5**		EDUC 771	MAED 5**
Course Name	Culturally Responsive Instruction in Mathematics		Research Designs in Education	Inquiry II: Data Analysis, Probability and Statistics

Year 2

Semester	Fall '08	Winter '09	Spring '09	Sum '09
Course Number	MAED 5**		MAED 5**	
Course Name	Inquiry III: Geometry, Spatial Reasoning and Proof		Inquiry IV: Trig & Calculus	
Course Number	EDUC 781		EDUC 772	
Course Name	Teacher Leadership		Assessment & Evaluation	

Year 3

Semester	Fall '09	Winter '10	Spring '10	Sum '10
Course Number	MAED 5**		EDUC 792	
Course Name	Mathematical Modeling		Seminar Capstone course	

**University of Maryland Baltimore County/
Howard County Public School System**

**Master of Arts in Education
with a concentration in Mathematics Instructional Leadership
K-8 School Cohort**

**Program includes 36 total credit hours
Non-thesis option**

Year 1

Semester	Fall '07	Winter '08	Spring '08	Sum '08
Course Number	MAED 5**		MAED 5**	EDUC 795
Course Name	Mathematical Reasoning		Number, Number Systems, and Operations	Seminar in the Study of Teaching
Course Number	MAED 5**		EDUC 771	MAED 503
Course Name	Culturally Responsive Instruction in Mathematics		Research Designs in Education	Algebraic Reasoning

Year 2

Semester	Fall '08	Winter '09	Spring '09	Sum '09
Course Number	MAED 502		MAED 504	
Course Name	Geometry and Spatial Reasoning		Statistics, Data Analysis, and Probability	
Course Number	EDUC 781		EDUC 772	
Course Name	Teacher Leadership		Assessment & Evaluation	

Year 3

Semester	Fall '09	Winter '10	Spring '10	Sum '10
Course Number	MAED 505		EDUC 792	
Course Name	Advanced Algebra & Trigonometry		Seminar Capstone course	