

Course Requirements for Mathematics Education

Pitt ID:

Name:

Advisor:

COMPETENCIES	Cr	Trm	Gr
Writing			
ENG 0101 English Composition	3		
ENG 0102 English Composition	3		
UL Writing	*		
Mathematics			
MATH 0140	*		

THE HUMAN EXPERIENCE

Arts & Letters (9 credits)			
<i>Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.</i>			
Literature	3		
Arts	3		
EDUC 0275 Adolescent Literature	*		
Behavioral, Economic, & Political Sciences (9 credits)			
<i>Courses must be selected from at least two different categories.</i>			
PSY 0101	3		
	3		
	3		
History, Cultures, & Philosophical Inquiry (9 credits)			
<i>At least one history course is required and at least one course from either of the other two categories (Culture or Philosophical Inquiry)</i>			
HIST	3		
	3		
EDUC 0215 English Language Learners (Global)	*		
Physical, Life, & Computational Sciences (9-10 credits)			
<i>Must include one course each in physical sciences and life sciences, one of which must have a laboratory.</i>			
Physical Science	3-4		
Life Science	3-4		
MATH	*		
Physical Education (1 credit)			
	1		
First Year Seminar (1 credit)			
FS 0104	1		

* Denotes that the course is used to satisfy more than one requirement.

Students must earn 120 credits exclusive of development courses such as MATH 0097.

A second course designated as global is required:
Course # and name:

MAJOR	Cr	Trm	Gr
MATH 0135 Discrete Math	3		
MATH 0140 Calculus I	4		
MATH 0150 Calculus II	4		
MATH 0201 Calculus III	4		
MATH 0202 Ordinary Differential Equations	3		
MATH 0206 Linear Algebra	3		
MATH 0207 Geometry	3		
MATH 1303 Math Modeling	3		
MATH 1309 Probability & Statistics	4		
MATH 1312 Abstract Algebra & Number Theory	4		
MATH 1318 Intro to Analysis	4		
MATH 1452 Capstone	3		
Education			
EDUC 0204 Intro to Education	3		
EDUC 0215 English Language Learners	3		
EDUC 0220 Special Education Law	3		
EDUC 0235 Instructional Design	3		
EDUC 0275 Adolescent Literature	3		
EDUC 1325 Development of Children with Exceptional Needs	3		
EDUC 1330 Educating Children with Exceptional Needs	3		
EDUC 1345 Educ. Theories & Practices	3		
EDUC 1350 Educational Psychology and Measurement	3		
Admission to program is a pre-requisite for these courses			
EDUC 1301 Instructional Technology	3		
EDUC 1307 Secondary Methods	4		
EDUC 1334 Literacies Across Curriculum	3		
EDUC 1481 Student Teaching	12		

126-128 Credits

All courses in the major must be completed with a C- or higher and a 3.0 grade point average must be maintained.