## CLEAR PATH for ADVISING – *Middle Grades Education: Mathematics, B.S.*

Please see the Courses section of this catalog for complete course descriptions.

First Year – 31-32 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
MATH 2150: Mathematics for Elementary & Middle School	3	MATH 2160: Mathematics for Elementary & Middle School	3		
Teachers I	Ŭ.	Teachers II (Mathematics)	_		
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 (Rhetoric and Writing II)	3		
FAH: Historical Understanding	3	FAH: Literature	3		
Natural Science with Lab	4	Behavioral and Social Science	3		
Non-Western Culture	3	EDUC 2010: Education in the US	3		
	16-17		15		
Second Year – 30 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
MATH 1130: College Algebra	3	MATH 1830: Calculus for Mgmt, Life & Social Sciences	3		
ENGL 2290: Literature for the Adolescent	3	EDUC 3170: Designing Instruction for the Inclusive	3		
	3	Classroom	5		
FAH: Visual and Performing Arts	3	EDUC 2420: Adolescent Development	3		
FAH: Thought, Values and Beliefs	3	Statistics	3		
Natural Science without Lab	3	Behavioral and Social Science	3		
	15		15		
Third Year – 31-32 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
EDUC 2200: Survey of Exceptional Learners	3	EDUC 4220: Literacy Instruction in the Intermediate Grades & Middle School	3		
EDUC 3210: Literacy Instruction in the Content Areas	3	ENGL 4810: Writing for Teachers	3		
Approved MATH or Related Elective	3-4	EDUC 4180: Curriculum & Instruction	3		
Approved MATH or Related Elective	3-4	EDUC 4140: Classroom Management	3		
Elective	0-4	EDUC 3900: Field Experience	1		
		Approved MATH or Related Elective	3-4		
	14-16		16-1		
Fourth Year – 27 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
EDUC 4510: Teaching Strategies & Materials in Secondary & Middle Grades Math	3	EDUC 4465: Residency II	10		
EDUC 4335: Designing Instruction & Assessment	3	EDUC 4420: Professional Seminar	2		
EDUC 4170: Technology & Learning	3		1		
EDUC 4320: Residency I	6		1		
	1~		1		

Completed:				
Graduation Requirements:	Hrs	Degree Requirements:	Hrs	
120 Total Hours		34-35 General Education Hours		
39 Upper Division (3000-4000) Hours		82-85 Program (Major) Hours		
30 Hours at UTC		Minor (Not Required)		
60 Hours at 4-year Institution		1-4 Elective Hours		
		Foreign Language (Not Required)		