Degree program: Bachelor of Science in Into	erdisciplinary Studies	s with a Major in Mathemat	ics with Grades 4-8
Certification			

Program Student Learning Outcomes

- **1.** Students will be able to communicate effectively in written and oral forms, work successfully in teams, and understand ethical responsibilities.
- **2.** Students will be able to think critically and be prepared for life-long learning.
- **3.** Students will be able to continue graduate studies in Mathematics Education or related field.
- **4.** Students will be able to pass the corresponding TExES examination.
- **5.** Students will be able to apply new methodologies of teaching.

Worksheet #2 – Program Checklist – List required courses and indicate level/s of delivery

By putting (I, E, R or A) into Each Box

Degree Program: Bachelor of Science in Interdisciplinary Studies with a Major in Ma Certification

I = Students are INTRODUCED to material

E = The material is EMPHASIZED and taught in depth

R = The material is REINFORCED with additional exposure to the information

A = The Competencies/Skills are being APPLIED

	Program-level outcomes addressed APPLIED						
List of courses	#1 Students will be	#2 Students will	#3 Students will be	#4 Students will be #5		#5 Students will be	
required for	able to communicate	be able to think	able to continue	able to pass the		able to apply new	
the degree	effectively in written	critically and be	graduate studies in	correspondin		methodologies of	
	and oral forms, work	prepared for life-	Mathematics	TExES exam	ination.	teaching.	
	successfully in teams,	long learning.	Education or related				
	and understand ethical responsibilities.		field.				
MATH 2412		I	I	I			
SOCI 3310	I	I					
MATH 1350		I		E		I	
MATH 1351		I		E		I	
PSYC 2312	E	E					
COSC 1336	I	I					
COSC 1136	I	I					
MATH 2330		I	I	I			
MATH 2413		I	I	I			
MATH 2414		E	E	E			
MATH 2415		E	E	E			
MATH 3310		I	I				
MATH 3360	I	I	I	I			
MATH 3365		I	I				
MATH 4310		E	E	E			
MATH 4390	E	E		E		I	

EDCI 3301	I	I	I	E
EDCI 3302	E	I	I	
EDCI 3305	E	I	I	
EDCI 4993	E	E	${f E}$	${f E}$
EDDP 4324	E	E	${f E}$	${f E}$
EDRD 3309	E	E		
EDRD 3320	E	E		

Worksheet #3 - Order Courses by Outcome and Level of Delivery (Courses may be listed more than once) Indicate level of delivery by checking the appropriate box) Add cells as necessary

Degree Program: Bachelor of Science in Interdisciplinary Studies with a Major in Mathematics with Grades 4-8 Certification

Program-level outcome	Level of Material		erial	Courses	Curriculum	Means of Assessment	
addressed (write out each	Delivery (List			List courses (or groups of courses)	Component/s (Class		
program level outcome)			in orde		in order of material delivery for	Activities) that Address	
	ma	aterial	deliv	ery)	each outcome (I, E, R and then A).	Outcome	
	I	E	R	A	Courses may provide more than one		
					level of material delivery.		
#1 Students will be able	X				SOCI 3310		
to communicate		X			PSYC 2312		
effectively in written	X				COSC 1336		
and oral forms, work successfully in teams,	X				COSC 1136		
and understand ethical	X				MATH 3360		
responsibilities.	X				MATH 4390		
	X				EDCI 3301		
		X			EDCI 3302		
		X			EDCI 3305		
		X			EDCI 4993		

		X	EDDP 4324	
		X	EDRD 3309	
		X	EDRD 3320	
#2 Students will be able	X		MATH 2412	
to think critically and be	X		SOCI 3310	
prepared for life-long	X		MATH 1350	
learning.	X		MATH 1351	
		X	PSYC 2312	
	X		COSC 1336	
	X		COSC 1136	
	X		MATH 2330	
	X		MATH 2413	
		X	MATH 2414	
		X	MATH 2415	
	X		MATH 3310	
	X		MATH 3360	
	X		MATH 3365	
		X	MATH 4310	
		X	MATH 4390	
#3 Students will be able	X		MATH 2412	
to continue graduate	X		MATH 2330	
studies in Mathematics	X		MATH 2413	
Education or related field.		X	MATH 2414	
neid.		X	MATH 2415	
	X		MATH 3310	
	X		MATH 3360	
	X		MATH 3365	
		X	MATH 4310	

	X		EDCI 3301	
	X		EDCI 3302	
	X		EDCI 3305	
		X	EDCI 4993	
		X	EDDP 4324	
		X	EDRD 3309	
		X	EDRD 3320	
#4 Students will be able	X		MATH 2412	
to pass the		X	MATH 1350	
corresponding TExES		X	MATH 1351	
examination.	X		MATH 2330	
	X		MATH 2413	
		X	MATH 2414	
		X	MATH 2415	
	X		MATH 3360	
		X	MATH 4310	
		X	MATH 4390	
	X		EDCI 3301	
	X		EDCI 3302	
	X		EDCI 3305	
		X	EDCI 4993	
		X	EDDP 4324	
#5 Students will be able	X		MATH 1350	
to apply new	X		MATH 1351	
methodologies of	X		MATH 4390	
teaching.		X	EDCI 3301	
		X	EDCI 4993	
		X	EDDP 4324	

Worksheet #4 - Needed Modifications, if any, for Curriculum Alignment

Goal: Degree programs are coherent in that they demonstrate 1) sequencing, 2. progression or increasing complexity, and 3) linkages between and among program core courses.

Curriculum Modifications Needed	Why Needed?			
We do not think that we need to modify this program at this time, but we will reconsider this question during Fall 2008.				