

**CURRICULUM SUMMARY FOR THE
BACHELOR OF SCIENCE DEGREE
IN
INTERDISCIPLINARY STUDIES
4-8 Mathematics/Science Concentration
TOTAL CREDITS REQUIRED: 122**

CORE CURRICULUM (STANDARD)*		MAJOR (4-8 Mathematics Concentration)	OTHER REQUIREMENTS
42 credits	TCCNS	64 credits	16 credits
<u>Communication:</u>		Relative to Concentration	
ENG 131 (3) **	ENGL 1301	EDCI 346 (3)	MATH 235 (3)
ENG 132 (3)	ENGL 1302	EDCI 404 (3)	MATH 236 (3)
<u>Mathematics:</u>		MATH 136 (3)	EDCI 340 (3)
MATH 133 (3)	MATH 1314	MATH 241 (4)	SPED 309 (3)
<u>Life and physical sciences:</u>		MATH 250 (3)	HED 233 (2)
BIOL 143 (3)	BIOL 1308	RDG 401 (3)	PE Any course (1)
GEOL 141 (3)	GEOL 1303	BIOL 343 (4)	FS 102 (1)
<u>Language, philosophy, and culture:</u>		BIOL 347 (4)	
ENG 230 (3)	ENGL 2332	PHY 237 (4)	
<u>Creative arts:</u>		PHY 238 (4)	
MUSIC 239 (3)	HUMA 1315		
<u>American history:</u>			
HIST 231 (3)	HIST 1301	Professional Development	
HIST 232 (3)	HIST 1302	EDCI 310 (3)	
<u>Government/political science:</u>		EDCI 328 (3)	
POLS 235 (3)	GOVT 2305	EDCI 330 (3)	
POLS 236 (3)	GOVT 2306	EDCI 339 (3)	
<u>Social and behavioral sciences:</u>		EDCI 350 (3)	
PSY 131 (3)	PSYC 2301	EDCI 402 (3)	
<u>Institutional Options: (6 Hours)</u>		EDCI 450 (6)	
SC 135 (3)	SPCH 1321	EDCI 452 (2)	
EDCI 210 (3)	COSC 1301	EDCI 458 (3)	

* Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

** (N) represents the number of course credits.

**Bachelor of Science Degree Interdisciplinary Studies
4-8 Mathematics/Science Concentration
Degree Plan - Total Credits: 122**

<i>First Year</i>	<i>First Semester</i>		<i>Second Semester</i>	
	ENG 131 Freshman English I	3	ENG 132 Freshman English II	3
	SC 135 Speech Communication	3	MATH 136 Plan Trigonometry	3
	MATH 133 College Algebra	3	HIST 232 Social & Political History of the United States since 1877	3
	HIST 231 Social & Political History of the United States to 1877	3	BIOL 143 Survey of Life Science	3
	MUSI 239 Fine Arts in Daily Living	3	EDCI 210 Instructional Technology I	3
	PE (Any Course)	1	HED 233 Principles of Health	2
	FS 102 Freshmen Seminar	1		
		17 hrs		17 hrs
Transition 0: Before the end of Second Semester the candidate should: TSI exam completed with a 3.0 GPA				

<i>Second Year</i>	<i>Third Semester</i>		<i>Fourth Semester</i>	
	ENG 230 World Literature I	3	GEOL 141 Intro to the Earth	3
	POL SCI 235 American Government	3	POL SCI 236 Texas Government	3
	MATH 235 Struc. & App. Of Numb. Sys.	3	MATH 236 Found., Geom., Stat., Prob.	3
	MATH 250 Linear Algebra	3	SPED 309 Survey of Exceptional Educ. I	3
	PSY 131 General Psychology	3	PHYS 237 College Physics I (Must take with lab)	4
		15 hrs		16 hrs
Transition 1: Before the end of Fourth Semester, candidate should:				
<ul style="list-style-type: none"> • Be admitted to the Educator Preparation Program. 				

<i>Third Year</i>	<i>Fifth Semester</i>		<i>Sixth Semester</i>	
	PHYS 238 College Physics II (Must take with lab)	4	Math 241 Calculus & Geometry I	4
	*EDCI 330 Content Focused Teaching in Mathematics	3	BIOL 343 Ecology (Must take with lab)	4
	*EDCI 402 Content Focused Teaching in Science	3	EDCI 452 ESL Materials and Methods	2
	EDCI 404 Certification Seminar	3	EDCI 310 Field Based I- Performance Focused Teaching	3
	BIOL 347 Microbiology	4	EDCI 339 Classroom Management	3
		17 hrs		16 hrs
Transition 2:				
Before the end of Fifth Semester, candidate should: •Take and pass Content Representative Form. Enroll in Field Experience Block 1 (EDCI 310 and EDCI 339) •Register with T-Cert. •Login with Certify Teacher (*) Content Block Courses taken concurrently		• Before the end of Sixth Semester candidate should: • Take and pass the PPR Representative Form Test. • Enroll in Field Experience Block 2 (EDCI 328 and EDCI 350) Take and pass the TExES Content Test.		

Fourth Year	Seventh Semester		Eighth Semester	
	EDCI 328 Field Based II- Performance Focused Teaching	3	EDCI 450 Direct. Stud. Tch. 4-8	6
	EDCI 350 Designing and Implementing Instruction and Assessment	3	EDCI 458 Seminar in Teaching	3
	EDCI 346 Introduction to Educational Psychology	3		
	RDG 401 Rdg. For Div. Populations	3		
	EDCI 340 Instructional Technology II	3		
		15 hrs		9 hrs
Transition 3: Before the end of the Seventh Semester, the candidate should: <ul style="list-style-type: none"> ▪ Take and pass the TExES EC-12 PPR Test. ▪ Apply for Clinical Practice Teaching 				

IMPORTANT NOTE: Candidate cannot apply to Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Transition 4: By the end of the Eighth Semester, the candidate should
Satisfy all requirements for Texas Teacher Certification
Graduate from the Educator Preparation Program

By signing this degree plan, you agree that you have met with your advisor and had all your questions answered.

Name: _____ T#: _____ Phone: _____

Address: _____

Advisor: _____ Date: _____

Approved:

Chair, Department of C & I _____ Date: _____

Dean, College of Education: _____ Date: _____

This degree plan is your official contract with the Department of Curriculum & Instruction, in the College of Education at Texas Southern University. Successful completion of the courses and passing the required examinations during the semesters as indicated in the degree plan will make you eligible for the B.S. degree in Interdisciplinary Studies.