

SCIENCE – 4th – 8th GRADE TEACHING

120
BS.SCI.4-8
Fall 2008-Spring 2009

Bachelor of Science

THE UNIVERSITY OF TEXAS AT BROWNSVILLE and TEXAS SOUTHWEST COLLEGE
COLLEGE OF SCIENCE, MATHEMATICS & TECHNOLOGY

Teacher Certification

Student Name _____ ID # _____ Date _____

E-mail _____ Signature _____

Academic or Faculty Advisor _____ Date _____

GENERAL EDUCATION CORE	48 HOURS			PREREQUISITES FOR ADMISSION TO TEACHER EDUCATION	6 HOURS £		
	HRS	GR	GPT		HRS	GR	GPT
COMMUNICATION REQUIREMENT	9 hours			EDUC 1301 Introduction to the Teaching Profession	3		
ENGL 1301 Composition I	3	†		EDUC 2301 Introduction to Special Populations	3		
ENGL 1302 Composition II <i>or</i> ENGL 2311 Technical Writing	3	†					
SPCH 1315 Applied Communication	3	‡		PEDAGOGY AND PROFESSIONAL RESPONSIBILITY	21 HOURS £		
				EDUC 2303 Technology in Education	3		
MATH REQUIREMENT	3 hours			EDMG 4322 Human Development and Instruction	3		
MATH 1314 College Algebra		†		EDMG 4324 Designing Inst. & Assess. To Promote Stud. Lrng.	3		
MATH 1332 Math for Liberal Arts		†		EDMG 4325 Implementing Responsive Instruction & Assessment	3		
Or any higher level Math course		†		EDMG 4377 Teaching Science in 4-8 classrooms	3		
				EDMG 4648 Student Teaching 4-8	6		
SCIENCE REQUIREMENT	8 hours						
BIOL 1306 & BIOL 1106 General Biology I & Lab I	3, 1			SCIENCE	15 HOURS		
BIOL 1307 & BIOL 1107 General Biology II & Lab II	3, 1			BIOL 3309 & BIOL 3109 Ecology & Lab	3, 1		
				BIOL 3303 & BIOL 3103 Genetics & Lab	3, 1		
HUMANITIES REQUIREMENT	6 hours			BIOL 4330 Integrative Biology for Middle School Teachers	3		
Literature (ENGL 2000 level)	3						
ARTS 1301 Art Appreciation <i>or</i> ARTS 1303 Art History <i>or</i>				BIOLOGY ELECTIVES Select <i>one</i> from the following:	4 HOURS		
MUSI 1306 Music Appreciation <i>or</i> MUSI 1308 Music Lit.	3			BIOL 3308 & BIOL 3108 Plant Morphology & Lab			
				BIOL 3314 & BIOL 3114 Invertebrate Zoology & Lab			
SOCIAL SCIENCE REQUIREMENT	12 hours						
HIST 1301 United States to 1877	3			SUPPORT COURSES	18 HOURS		
HIST 1302 United States since 1877	3			CHEM 1311 & CHEM 1111 General Chemistry I & Lab I	3, 1		
GOVT 2301 American and Texas Government	3			CHEM 1312 & CHEM 1112 General Chemistry II & Lab II	3, 1		
GOVT 2302 American Government and Policy	3			PHYS 1310 & PHYS 1110 Conceptual Physics & Lab	3, 1		
				GEOL 1301 & GEOL 1101 Principles of Earth Sciences & Lab	3, 1		
BEHAVIORAL SCIENCE REQUIREMENT	3 hours			PSCI 4210 Physical Science for Educators I	2		
ANTH 2351 Cultural Anthropology							
BUSI 1301 Introduction to Business				MATH	6 HOURS		
ECON 2301 Macroeconomics				MATH 1350 Fundamental of Mathematics for Teachers I	3		
GEOG 1303 General World Geography				MATH 1351 Fundamental of Mathematics for Teachers II	3		
PSYC 2301 Introduction to Psychology							
SOCI 1301 Introduction to Sociology				SUPPORT	9 HOURS £		
SOCI 2319 Mexican American Experience				EDLI 4351 Content Area Literacy	3		
				EDLI 4367 Literacy and the English Language Learner	3		
KINESIOLOGY REQUIREMENT	1 hour			SPED 4386 Modifications in Inclusive Settings	3		
KINE 11___ (One hour of activity/health/wellness/ fitness)	1						
				ELECTIVE Recommended:	1 HOUR		
MODERN LANGUAGE REQUIREMENT	6 hours			COSC 1310 or other computer science course agreed by advisor			
Six hours of the same modern language, other than English.				PSCI 4220 Physical Science for Educators II			
	3						
	3			TOTAL CREDIT HOURS FOR GRADUATION	124		
				TOTAL ADVANCED HOURS (minimum)	36		

† Grade of "C" or better is required for graduation.

‡ Grade of "B" or better is required for graduation.

£ Maintain a minimum 2.50 GPA with no grade lower than a C.

Student must meet all Program Admission Requirements/Student Teaching Rqmts. Contact School of Education for further information.