

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE
BACHELOR OF SCIENCE DEGREE IN MULTIDISCIPLINARY SCIENCE

WITH CERTIFICATION - Specialization: _____

Degree Credit Hours: 138 to 140

NAME: _____

I.D. No.: _____

Catalog: **2004-2006**

A. 48-50 credit hrs required science courses				C. 2. Students seeking the degree with teacher certification must include: (6-semester credit hours)							
Course	Course Title	Term	Grade	Course	Course Title	Term	Grade				
AST 1013	Intro to Astronomy			IDS 2083	Technology for Liberal ...						
AST 1031	Intro to Astronomy Lab			Either							
BIO 1113	Biology I			COM 1043	Intro to Communications						
BIO 1122	Biology I Lab			or							
BIO 2123	Comparative Anatomy...			COM 2123	Oral Interpretations						
				C. 2. 27-semester crd hrs of professional education courses.							
				<i>(Note: The following coursework is recommended by the Teacher Certification group and not listed under the degree program.)</i>							
CHE 1103	General Chemistry I			Course	Course Title	Term	Grade				
CHE 1303	General Chemistry II			C&I 4203	Models of Teaching						
CHE 1312	General Chem. II Lab			C&I 4646	Student Teaching:Secondary						
GEO 1103	Intro Earth Systems			EDP 3203	Learning & Development						
GEO 1111	Intro Earth Systems Lab			EDP 4203	Assessment & Evaluation						
GEO 1123	Earth History			EDU 2103	Edu in Am. Society						
GEO 1131	Earth History Lab			RDG 3773	Intro to Content Area Reading-2nd						
GRG 3713	Weather and Climate			IDS 3303	Studies in Exceptionality						
ES 2013 OR	Intro to Environ Systms I			BBL 3403	Cultural & Linguistic Diversity..						
ES 2023	Intro to Environ Systms II			Core Requirements - 42 hours of required coursework							
ES 4043	Intro to GIS			Course	Course Title	Term	Grade				
ES or GEO				Rhetoric							
4193	Field-Based Inquiry			WRC 1013	Freshman Composition						
PHY 1603	General Physics I			WRC 1023	Discourse Across Disc.						
PHY 1611	General Physics I Lab			Domain I Mathematics and Science							
PHY 1623	General Physics II			Mathematics							
PHY 1631	General Physics II Lab			MAT 1093	Precalculus						
or Tech Phy				Science	<i>fulfilled in obtaining a B.S. degree in MDS</i>						
PHY 1904	Tech Physics I			Domain II Society and Culture							
PHY 1911	Tech Physics I Lab			U.S. History and Diversity (6 hrs)							
PHY 1924	Tech Physics II										
PHY 1931	Tech Physics II Lab										
B. 21 hours of approved electives in geol., biol., chem., physics, environmental science, and/or mathematics; 12 of these hrs must be at the upper-division level. Areas of specialization are available in any of these fields by taking 15 upper-division cr hrs in a single field.				Political Studies (6 hrs)							
				21-semester credit hours above required science courses.							
				Course	Course Title	Term	Grade	U.S. History and Diversity (6 hrs)			
								Political Studies (6 hrs)			
								POL 1013	Intro to American Politics		
								Social and Behavioral Sciences (3 hrs)			
								Economics (3 hrs)			
				Domain III Literature and the Arts							
				Literature (3 hrs)							
				The Arts (3 hrs)							
				Domain IV Interdisciplinary Studies (3 hrs)							

Note 1: The above requirements will meet all requirements for this student to complete the major and any required support work or required elective. **It is understood that all other provisions of the catalog must be met.**

Note 2: Approved substitutes must include course ID and where completed, if not UTSA.

Note 3: Thirty-nine of the hours must be completed at the upper-division level (3000-4000) to meet UTSA's requirement for upper-division hours.

The total hours for the B.S. in MDS WITH Teacher Certification, specializing in _____ is 138 to 140.

48 to 50 Major + 54 Support Work + 36 CC (42 Hrs CC - 6 Hrs Science taken within the major) = 138 to 140.

Advisor's Signature

Date