

Name: _____ ID: _____

Prepared by: _____ Date: _____

Expected date of graduation: _____

CORE CURRICULUM

English Composition	Earned	Need
ENGL 1301 Critical Thinking, Reading, and Writing I		3
ENGL 1302 Critical Thinking, Reading, and Writing II		3
Literature (modern/classical language literature course may substitute)		
ENGL 2309, 2319, 2329, 2303, or other 23XX+ literature		3
US History (Texas History, 3363 or 3364, may substitute for one US History)		
HIST 1311 History of the United States prior to 1865		3
HIST 1312 History of the United States since 1865		3
Political Science		
POLS 2311 Government of the United States		3
POLS 2312 State and Local Government		3
Mathematics		
MATH 1426 Calculus I		4
MATH 2425 Calculus II		4
Social/Cultural Studies (3 hours from approved list)		
		3
Fine Arts (3 hours from approved list)		
		3
Liberal Arts (3 hours, fulfilled by PHIL 2314)		
Natural Science (8 hours, fulfilled by the major)		
CORE HOURS (35)	0	35

OTHER REQUIRED COURSEWORK

Mathematics	Earned	Need
MATH 2326 Calculus III		3
MATH 3319 Differential Equations and Linear Algebra		3
Chemistry		
CHEM 1441 General Chemistry I		4
CHEM 1442 General Chemistry II		4
CHEM 2335 Quantitative Chemistry		3
CHEM 2285 Quantitative Chemistry Laboratory		2
CHEM 3315 Introduction to Biophysical Chemistry		3
CHEM 3321 Physical Chemistry I		3
CHEM 3181 Physical Chemistry I Laboratory		1
Computer Science (CSE 1310+, PHYS 2321, or MATH 3345)		
		3
Elective		
		3
OTHER REQUIRED HOURS (32)	0	32

ACADEMIC CRITERIA

College of Science: A 2.25 GPA is required both at UTA and in major coursework to remain in the major.

UTeach Arlington: Entry into EDUC 4333 requires a UTA or cumulative GPA of 2.75 and the following scores on the THEA: Reading 270, Writing 220, Math 230.

PHYSICS

	Earned	Need
PHYS 1443 General Technical Physics I		4
PHYS 1444 General Technical Physics II		4
PHYS 2311 Mathematical Methods of Physics		3
PHYS 3313 Introduction to Modern Physics <i>with</i>		3
PHYS 3183 Modern Physics Laboratory		1
PHYS 3321 Intermediate Electricity and Magnetism		3
PHYS 4315 Thermodynamics and Statistical Mechanics		3
PHYS 4319 Advanced Mechanics		3
PHYS 4326 Introduction to Quantum Mechanics		3
PHYS 4117 Individual Learning by Seminar		1
Advanced Physics Electives		
PHYS 33XX+		3
PHYS 33XX+		3

PHYSICS HOURS (34) **0** **34**

UTEACH ARLINGTON

	Earned	Need
SCIE 1101 STEP 1: Inquiry Approaches to Teaching		1
SCIE 1102 STEP 2: Inquiry-based Lesson Design		1
EDUC 4331 Knowing and Learning in Math and Science		3
EDUC 4332 Classroom Interactions		3
PHIL 2314 Perspectives on Science and Math		3
PHYS 4391 Research Methods		3
Academic criteria must be met before entering the final year		
EDUC 4333 Multiple Teaching Practices in Math and Sci.		3
SCIE 4607 Student Teaching <i>with</i>		6
SCIE 4107 Student Teaching Seminar		1

UTEACH HOURS (24) **0** **24**

TOTAL DEGREE HOURS (125) **0** **125**

Computer Proficiency: Fulfilled by Computer Science requirement
Oral Communication: Fulfilled by PHYS 4117