

Bachelor of Arts in Biology with Teacher Certification
Certification: Secondary (8-12) Life Science

College of Science - UTeach Arlington
The University of Texas at Arlington

Name: _____ ID: 1000 _____

Prepared by: Erin Gonzales _____ Date: _____

Expected date of graduation: _____

Catalog: 2011-2012 _____

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 (English or modern/classical language, 2000 level +)

			3
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Liberal Arts

PHIL 2314	Perspectives on Science and Math (UTeach)		3
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US History (Texas History, 3363/64, may substitute for one US History)

HIST 1311	History of the United States		3
HIST 1312	History of the United States		3

Political Science

POLS 2311	Government of the United States		3
POLS 2312	State and Local Government		3

Mathematics

MATH 1302	College Algebra		3
MATH 1303	Trigonometry		3

Social/Cultural Studies (3 hours from approved list)

			3
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Fine Arts (3 hours from approved list)

			3
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Natural Science
 8 hours, fulfilled by the major

CORE HOURS (36) **0 36**

OTHER REQUIRED COURSEWORK

Modern and Classical Language **Earned Need**

1441	Level I		4
1442	Level II		4

Chemistry

CHEM 1441	General Chemistry I		4
CHEM 1442	General Chemistry II		4
CHEM 2321	Organic Chemistry		3

Physics

PHYS 1441	General College Physics I		4
PHYS 1442	General College Physics II		4

OTHER REQUIRED HOURS (27) **0 27**

BIOLOGY

Earned Need

BIOL 1441	Cell and Molecular Biology		4
BIOL 1442	Structure and Function of Organisms		4
BIOL 2343	Evolution & Ecology		3
BIOL 3315	Genetics		3
BIOL 3427	Plant Science		4
BIOL 3444	General Microbiology		4
BIOL 3454	General Zoology		4
BIOL 3310	Research Methods (UTeach)		3

Choose 7 hours from:

BIOL 3301	Cell Physiology		3
BIOL 3339	Introduction to Evolution		
BIOL 3442	Principles of Animal Physiology		4
BIOL 3457	General Ecology		

Biology Elective

33XX+	Advanced BIOL excluding 3303, 3305, 3309		3
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BIOLOGY HOURS (39) **0 39**

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 & Science		3
EDUC 4332	Classroom Interactions		3
EDUC 4333	Multiple Teaching Pract. in Math & Science		3
SCIE 4607	Student Teaching		6
SCIE 4107	Student Teaching Seminar		1

The UTeach program also includes two courses which are used to fulfill other degree requirements: PHIL 2314 and BIOL 3310.

UTEACH HOURS (18) **0 18**

TOTAL DEGREE HOURS (120) **0 120**

UTeach Arlington degree plans are still in the approval process.

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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 (English or modern/classical language, 2000 level +)

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Liberal Arts

PHIL 2314	Perspectives on Science and Math (UTeach)		3
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US History (Texas History, 3363/64, may substitute for one US History)

HIST 1311	History of the United States		3
HIST 1312	History of the United States		3

Political Science

POLS 2311	Government of the United States		3
POLS 2312	State and Local Government		3

Mathematics

MATH 1302	College Algebra		3
MATH 1303	Trigonometry		3

Social/Cultural Studies (3 hours from approved list)

			3
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Fine Arts (3 hours from approved list)

			3
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Natural Science
 8 hours, fulfilled by the major

CORE HOURS (36) **0 36**

OTHER REQUIRED COURSEWORK

Modern and Classical Language **Earned Need**

1441	Level I		4
1442	Level II		4

Chemistry

CHEM 1441	General Chemistry I		4
CHEM 1442	General Chemistry II		4
CHEM 2321	Organic Chemistry		3

Geology

GEOL 1425	Earth Systems		4
GEOL 1426	Earth History		4

Physics

PHYS 1441	General College Physics I		4
PHYS 1442	General College Physics II		4

OTHER REQUIRED HOURS (35) **0 35**

BIOLOGY

		Earned	Need
BIOL 1441	Cell and Molecular Biology		4
BIOL 1442	Structure and Function of Organisms		4
BIOL 2343	Evolution & Ecology		3
BIOL 3315	Genetics		3
BIOL 3427	Plant Science		4
BIOL 3444	General Microbiology		4
BIOL 3454	General Zoology		4
BIOL 3310	Research Methods (UTeach)		3

Choose 7 hours from:

BIOL 3301	Cell Physiology		3
BIOL 3339	Introduction to Evolution		
BIOL 3442	Principles of Animal Physiology		4
BIOL 3457	General Ecology		

BIOLOGY HOURS (36) **0 36**

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 & Science		3
EDUC 4332	Classroom Interactions		3
EDUC 4333	Multiple Teaching Pract. in Math & Science		3
SCIE 4607	Student Teaching		6
SCIE 4107	Student Teaching Seminar		1

The UTeach program also includes two courses which are used to fulfill other degree requirements: PHIL 2314 and BIOL 3310.

UTEACH HOURS (18) **0 18**

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

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