

East Central University
BIOLOGY-Teacher Certification
Major Code= 0041

Student Name: _____	Student ID # _____
<div style="display: flex; justify-content: space-between;"> <div> <div style="border-bottom: 1px solid black; width: 100px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 100px;"></div> </div> <div> 30 hours at ECU completed 60 hours at Sr college completed 40 hours upper level completed </div> </div>	<div style="display: flex; justify-content: space-between;"> <div> <div style="border-bottom: 1px solid black; width: 100px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 100px;"></div> </div> <div> Advisor: OSRHE Computer Proficiency Requirement met </div> </div>

Requirements	Hours	Hours
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Courses highlighted in blue are general education courses.

I. General Education	40
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17 hrs may be counted in both the major and general education (BIOL 1114, CHEM 1114, MATH 1513, COMM 1113, PSYCH 1113)

II. Major in Biology- Teacher Certification	30-31
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A. Required Biology Core	19
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	BIOL	1114	General Biology I
	BIOL	1134	General Biology II
	BIOL	3434	Genetics
	BIOL	3514	General Physiology OR
		BIOL 3634	Human Physiology
	BIOL	4883	Senior Seminar

C. Required for Concentration in Teacher certification	11-12
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	B/C/P	4113	Method Teaching BIOL/PHYS SCI
	BIOL	4414	General Ecology
			<i>one of following:</i>
	BIOL	2184	Human Anatomy
	BIOL	3245	Comparative Vertebrate Anatomy

III. Required Related Work	36-38
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	CHEM	1114	General Chemistry I
	CHEM	1214	General Chemistry II
	COMM	1113	Fund. Of Human Communication
	MATH	1513	College Algebra † OR
		MATH 2825	Calculus and Analytic Geometry I
	PHYS	1114	General Physics I
	PHYS	1214	General Physics II
	PHYS	1314	Astronomy
	PSYCH	1113	General Psychology

one of following:

	CHEM	1314	General Organic and Biochemistry
	CHEM	3114	Organic Chemistry I
	CHEM	3214	Quantitative Analysis I

AND

3 hrs earth science electives

IV. Minor

Professional education is used as a minor.

V. Professional Education	30
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VI. Electives	0-1
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An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VII. Special Requirements

† With department approval, students may omit MATH 1513 and begin with MATH 2825.

VII. Total Hrs Required	120
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