

**DALTON STATE COLLEGE ~ SCHOOL OF EDUCATION
SECONDARY CHEMISTRY CERTIFICATION PROGRAM OF STUDY**

Name _____

06/2014v1

AREA A - Essential Skills-must have "C" or above	9	Grade	AREA E – Social Sciences	12
ENGL 1101 English Composition I	3		HIST 2111 or 2112 United States History	3
ENGL 1102 English Composition II	3		POLS 1101 American Government	3
MATH 1113* Precalculus	3			
* (Prerequisite: MATH 1111, or one year of high school math above Algebra II) MATH 2253 may be used if the student meets the prerequisites. The additional area of credit will be applied to the upper level curriculum courses			ANTH 1103, ECON 2105, 2106, GEOG 1100, 1111, 1101, HIST 1111, 1112, 2111, 2112, PHIL 1103, 2010, 2020, POLS 2101, 2201, 2301, 2401, PSYC 1101 <u>Required for EDUC 2110, 2120, & 2130</u> , 2101, 2204, 2250, SOCI 1101, 1160	6
AREA B – Institutional Options	4-6		AREA F – Major Related	18
COMM 1110 Fundamentals of Speech <small>(Required for EDUC 2110, 2120, & 2130)</small>	3		CHEM 1211K Principles of Chemistry I (Must be passed with C or above)	4
Elective: BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1		CHEM 1212K Principles of Chemistry II (Must be passed with C or above)	4
AREA C – Humanities/Fine Arts	6		BIOL 1107K Principles of Biology I	4
ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; ARTS 1100, HUMN 1201,1202, MUSC 1100, 1120, or THEA 1100	6		MATH 2254 Calculus and Analytic Geometry II	4
	3		CHEM 2000 Scientific Communications	2
AREA D – Science/Mathematics	12			
MATH 2253 Calculus & Analytic Geometry I	4		PHYSICAL EDUCATION	
PHYS 2211K Principles of Physics I	4		PHED Activity Elective	1
PHYS 2212K Principles of Physics II	4			
Prior to enrollment in EDUC 2110, 2120, & 2130, students must: complete of Area A with Cs or above, complete PSCY 1101AND COMM 1110 with a C or above, have an approved Background Check, have proof of professional Liability Insurance, complete Mandated Reporter Training, pass an Ethic Assessment.				
EDUC 2110c Investigating Critical & Contemporary Issues in Education (includes 10 hr. practicum) (Must pass with a C or above)				3
EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (includes 10 hr. practicum) (Must pass with a C or above)				3
EDUC 2130 Exploring Teaching and Learning (includes 10 hr. practicum) (Must pass with a C or above)				3
Professional Education Semester 1 (PES I) ~ Prior to being allowed to enroll in PES 1, students must: 1.) be accepted in to the Secondary Ed Program; 2.) have passing scores on the GACE Program Admissions Exams or show evidence of exemption; 3.) have completed CHEM 1211 and CHEM 1212, with grade of C or above, 4.) have a cumulative GPA 2.7 5.) attend a Secondary Orientation Session; and 6.) have passed EDUC 2110, 2120, and 2130 with a C or above 7.) have completed 30 credit hours. ~ EDUC 3902 and EDUC 3272 <u>must be taken concurrently</u>				
EDUC 3902 Curriculum & Assessment for Secondary Math/Science Teachers (Must pass with a C or above)				3
EDUC 3272 Classroom Management Seminar and Field Experience I (Must pass with a C or above)				2
Professional Education Semester 2 (PES II) ~ EDUC 4901 and EDUC 3273 <u>must be taken concurrently</u>				
EDUC 4901 Methods and Strategies for Secondary Teachers (Must pass with a C or above)				3
EDUC 3273 Classroom Management Seminar and Field Experience II (Must pass with a C or above)				2
Professional Education Semester 3 (PES III) ~ EDUC 3120 and EDUC 3274 <u>must be taken concurrently</u>				
EDUC 3120 Teaching Diverse Learners (Must pass with a C or above)				3
EDUC 3274 Classroom Management Seminar and Field Experience III (Must pass with a C or above)				2
Professional Education Semester 4 (PES IV) ~ Students must have completed of 24 credit hours of Chemistry within the curriculum , passed with grade of C or above, before being allowed to enter PES IV-Student Teaching ~ EDUC 4952, EDUC 4953 and READ 3456 <u>must be taken concurrently</u>				
EDUC 4954 Internship for Secondary Education Chemistry (Must make a "Satisfactory")				8
EDUC 4953 Internship Seminar (Must make a "Satisfactory")				1
READ 3456 Reading Across the Curriculum for Secondary Teachers (Must pass with a C or above)				3
MAJOR CURRICULUM – All courses must be passed with grade of C or above				26
CHEM 3211K Organic Chemistry I, CHEM 3212K Organic Chemistry II, CHEM 3311K Quantitative Analysis CHEM 3312K Instrumental Methods of Analysis, CHEM 3411K Physical Chemistry I, CHEM 4110K Advanced Inorganic Chemistry, CHEM 4000 Senior Seminar				
ELECTIVE CURRICULUM (choose one)				4
CHEM 3500K Biochemistry, CHEM 3700K Environmental Chemistry				
In order to be recommended for teacher certification, the teacher candidate must: 1.) successfully pass all courses and field experiences; 2.) must apply to the SOE for recommendation to take the Chemistry GACE Content Exams. Application may be made after successful completion of 20 credit hours from the Chemistry Major Curriculum area; 3.) must pass both sections of the Chemistry GACE Content Exams.				