Deg	helor of Science (BS) gree Code 214* acentration Code 214J		Program of Study for Chemistry Majors CHEMISTRY SECONDARY EDUCATION LICENSURE
Ι.		nd MAT 1110 will fulfill General Education requirements.	
П.	PROFESSIONAL EDUCATION	I REQUIREMENTS	
	minimum grade of C is required Cl 2300(2) Teach	d in each professional education course. Cl 2300 & FDN 2400 a ing and Learning in the Digital Age (Entry course to teacher edu al Perspectives on Teaching and Learning (Pre or Co: Cl 2300)	are required prior to admission to Teacher Educ. ucation)
		ology Applied to Teaching (Pre or Co: Cl 2300)	PROFICIENCIES:
		ng Inclusive Learning Communities (Pre: CI 2300, FDN 2400, P.	
		es and Practice in Educational Assessment (Pre: Cl 2300, FDN	· · · · · · · · · · · · · · · · · · ·
		nt Teaching [CAP] (Cumulative 2.7 GPA; All courses in professional higher prior to student teaching, along with other courses (including me	
	*Admission to Teacher Education	on required. Minimum	2.7 cumulative GPA required to graduate.
		eacher Education Program students must have a minimum 2.7 c ing and Math areas of the PRAXIS (PPST or CBT). The PRAXIS II	
III.	2.0 major GPA is required for g	(Not including 12 s.h. already counted in I, above)	en in the major department, plus any other
Α.	CHOOSE ONE GROUP OF 11 set CHE 2101(3) CHE 2102(1) Plus 7 semester hours of che OR CHE 2201(3) CHE 2203(1) CHE 2202(3) CHE 2204(1)	Introductory Chemistry I & Lab Intro Chemistry II & Lab (<i>Pre: CHE 1101 & 1110; Co: 1120</i>) Quantitative Analysis (<i>Pre: CHE 1102 & 1120; Co: 2211</i>) Quantitative Analysis Lab (<i>Co: CHE 2210</i>) Introduction to Chemical Research (<i>Pre: CHE 2101 or 2202; 2</i> . Physical Chemistry I (<i>Pre: CHE 2210 & 2211; MAT 1120; PHY 115</i> . Physical Chemistry I Laboratory [WID] (<i>Pre: RC 2001; Pre/Co</i> Inorganic Chemistry (<i>Pre: CHE 2101 & 2102 or 2202 & 2204; CHE</i> Secondary Science Field Experience (<i>Pre: Jr/Sr standing</i>) the Learning Assistance Program or the Supplemental Instruct	1) : CHE 3301) 2210 & 2211) :ion Program is strongly recommended. Co: 2102) 120; Co: 2101) C-"; Co: CHE 2204)
в.	Physics (10 semester hours)		
	PHY 1150 (5)	Analytical Physics I (Co: MAT 1110)	
	PHY 1151 (5)	Analytical Physics II (Co: MAT 1120)	
С.	Mathematics (8 semester h		
	MAT 1110 (4) MAT 1120 (4)	Calculus with Analytic Geometry I (<i>Pre: MAT 1025 w/min grad</i> Calculus with Analytic Geometry II (<i>Pre: MAT 1110 w/min grad</i>	
-			
D.	G S 4403 (3)	s) Minimum "C" grade is required in both these courses. Teaching Science in Middle and High Schools [WID] (Pre:	RC 2001)
	G S 4404(3)	The Meaning & Nature of Science [WID] (Pre: RC 2001; Sr. s	
Ε.	Other Science (8 semester h	nours)	
	BIO 1801(4)	Biological Concepts I (Co: CHE 1101)	
	GLY 1101 (4)	Introduction to Physical Geology	
IV.	MINOR (optional)		

V.	ELECTIVES (taken to total 122 hours for the degree)	<u>2</u>
	2 semester hours of free electives must be outside the major discipline.	122