

PARADIGM

PROGRAM OF STUDY FOR CHEMISTRY- CHEMISTRY EDUCATION MAJORS

FRESHMAN YEAR

Fall Semester				Spring Semester			
FYA	101	Orientation to the Academy	1__	EN	102	English Composition II	3__
EN	101	English Composition I	3__	SPE	111	Fundamentals of Speech	3__
HI	101	World Civilization	3__	ED	300	Technology for Teachers#	3__
MA	101	Intermediate Algebra	3__	MA	110	Pre-Calculus I	3__
CH	110	Chemical Concepts	3__	ED	209	Introduction to Teaching#	3__
CH	110L	Chemical Concepts Lab	1__	PE	101-119	Physical Education	1__
SS	101	African American Experience	3__				
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17				16			

SOPHOMORE YEAR

Fall Semester				Spring Semester			
FL	101	(French or Spanish or Arabic)	3__	FL	102	(French or Spanish or Arabic)	3__
CH	131	General Chemistry I	3__	CH	132	General Chemistry II	3__
CH	131L	General Chemistry I Lab	1__	CH	132L	General Chemistry II Lab	1__
MA	111	Pre-Calculus II	3__	ED	319	Educ of the Exceptional Child#	3__
ED	350	Foundations of Education#	3__	PH	301	College Physics I	3__
PSY	301	Educational Psychology#	3__	PH	301L	College Physics I Lab	1__
			<hr style="width: 50%; margin-left: auto;"/>	RE	211	Survey of World Religion	3__
16				<hr style="width: 50%; margin-left: auto;"/>			
				17			

JUNIOR YEAR

Fall Semester				Spring Semester			
ED	445	Eval and Measurement in Educ	3__	CH	304	Analytic Chemistry	3__
CH	303	Qualitative Analysis	3__	CH	304L	Analytic Chemistry Lab	1__
CH	303L	Qualitative Analysis Lab	1__	CH	401	Physical Chemistry I	3__
CH	305	Organic Chemistry I	3__	CH	401L	Physical Chemistry I Lab	1__
CH	305L	Organic Chemistry I Lab	1__	ED	448	Classroom Management	3__
MA	201	Analytical Geometry	4__	ED	400	Materials and Meth of Teaching	2__
PH	302	College Physics II	3__	ED	421	M and M of Teaching Science	1__
PH	302L	College Physics II Lab	1__	MA	202	Analytical Geometry	4__
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19				18			

SENIOR YEAR

Fall Semester				Spring Semester			
CH	306	Organic Chemistry II	3__	ED	450	Observation and Teaching	12__
CH	306L	Organic Chemistry II Lab	1__	ED	449	Senior Seminar	1__
BY	407	Biochemistry I	3__	CH	449	Senior Seminar	1__
BY	407L	Biochemistry I Lab	1__				
CH	402	Physical Chemistry II	3__				
CH	402L	Physical Chemistry II Lab	1__				
ED	412	Reading in the Content Areas	3__				
MA	318	Statistical Inference	3__				
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18				14			

Total Hours: 135

Required before entry into TEP

Effective Fall 2011
8/17/11