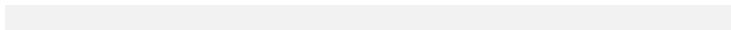
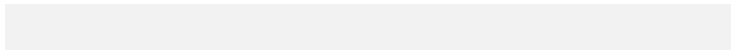
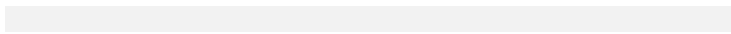


UNIV 100 1

<i>Requirements: __credits</i>	Course	Credits	Grade	<i>Requirements.</i>	<i>(Grade of C or higher is required)</i>	Credits	Grade
Academic Writing (AW)	ENGL 101	3					
Professional Writing (PW)		3		BSCI 170 Principles of Biology I		3	
Oral Comm. (OC)		3		PHYS 131 Physics for Life Sciences I		4	
Math (MA)	MATH 140	4		PHYS 132 Physics for Life Sciences II		4	
Analytic Reasoning (AR)	MATH 140	-		MATH 135 Discrete Math for Life Science (Or MATH140)		4	
				MATH 136 Calculus for Life Science (Or MATH141)		4	
<i>Requirements: __credits</i>	Course	Credits	Grade	CHEM 131 General Chemistry I: Fundamentals of General Chemistry *		3	
Natural Science Lab (NL)	BSCI 170/171	4		CHEM 177 Introduction to Laboratory Practices and Research in the Chemical Scienc		2	
Natural Sciences (NS)	PHYS 161	3		CHEM 231 and CHEM 232 Organic Chemistry I With lab		4	
History/Social Sciences (HS)	TLPL 414	3		CHEM 241 and CHEM 242 Organic Chemistry II With Lab *		4	
History/Social Sciences (HS)		3		CHEM 271 and CHEM 272 General and Analytical Chemistry Lecture and Lab		4	
Humanities (HU)		3		* CHEM LEP Gateway requirements			
Humanities (HU)		3					
Scholarship in Practice (SP)	TLPL 101 & TLPL 102	3		CHEM 395 Prof Issues in Chemistry & Biochem		1	
Scholarship in Practice (SP: non major)							



Secondary Science Education/Chemistry Double Major Four Year Academic Plan

	Fall	Cr.	Spring	Cr.
Benchmark Requirements AW with C- or higher MA with C- or higher CHEM 146/177	MATH 140 (MA/AR)	4	BSCI 170/171 (NL)	4
	CHEM 146/177	5	CHEM 237	4
	ENGL 101 (AW)	3	MATH 141	4
	UNIV 100	1	HUMANITIES (HU)*	3
	TLPL 101	1	TLPL 102 (SP, in combination with TLPL 101)	2
	<i>Total Credits</i>	14	<i>Total Credits</i>	17
	Fall	Cr.	Spring	Cr.
Benchmark 2 Requirements MATH 130 or 140 BSCI 170/171	PHYS 161 (NS)	3	CHEM 276 (or CHEM 271)	2
	CHEM 247	4	CHEM 277	3
	MATH 241 (Recommended)	4	PHYS 260/261	4
	TLPL 414 (HS)	3	ORAL COMMUNICATION (OC)	3
	HUMANITIES (HU) / Scholarship in Practice (SP; non major)*	3	EDHD 426	3
<i>Test of Basic Skills</i>	<i>Total Credits</i>	17	<i>Total Credits</i>	15
	Fall	Cr.	Spring	Cr.
Gateway Requirements TLPL 401 with B- or higher Admission to CHEM LEP	CHEM 481	3	CHEM 482	3
	CHEM 483	2	CHEM 484	2
	CHEM 401	3	CHEM 395	1
<i>Apply to the COE by Dec. 1st</i>	TLPL 401 (CC)	3	Elective	3
Cumulative GPA of 2.75	PROFESSIONAL WRITING (PW)	3	History/Social Sciences (HS)*	3
			TLPL 415	3
	<i>Total Credits</i>	14	<i>Total Credits</i>	15
	Fall	Cr.	Spring	Cr.
YEARLONG INTERNSHIP				
	CHEM 425	4	TLPL 421	2
	CHEM upper level elective	3	TLPL 489F	12
	TLPL 425	3	TLPL 477	2
	TLPL 479F	1		
	CHEM upper level elective	3		
	<i>Total Credits</i>	14	<i>Total Credits</i>	16
				Total Degree credits: 122

Schedule of Classes

