	Recommended Courses			
Fall Semester 1	Interim Semester 1	Spring Semester 1		
E 113	BIB 101 Introduction to the Bible	CHE 214	Career Planning and Preparation PHASE 1: EXPLORE	R.E.A.L. Experience
CHE 113D *2 General Chemistry I and General	BIB 101 Introduction to the Bible	& CHE 215	PHASE I. EXPLORE	
emistry I Lab		(or elective if CHE 208/208D was taken in fall) *2 General		254124
		Chemistry IIGeneral Chemistry II Lab GES 140 Introduction to Wellbeing	Explore self, careers, & God's call	Create your R.E.A.L. Portfolio
		The state of the s		Consider joining a club or ministry of interest
E 208 :HE 208D *2		MAT 125 Calculus 2	Take a Career Assessment	
celerated General Chemistry and Accelerated General				
emistry Lab				Consider finding a mentor
T 124M Calculus 1		Leisure and Lifetime Sports (Q) course	Research Careers: O*Net, Candid Careers, & informational	
	1		interviews w/ Alums Gain Experience: Part-time job; Campus Involvement (e.g.	
S 130 Christianity Western Culture			student club); Volunteering	
S 160 Inquiry Seminar				
15	i e	3 12		
		MILESTONES: Consider study abroad options	•	
	Recommended Courses			
	Interim Semester 2			
			Career Planning and Preparation	R.E.A.L. Experience
E 200 Laboratory Safety and Chemical Hygiene	Contemporary Western Life and Thought (L) course	CHE 226 & CHE 227	PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E./ Portfolio.
		Organic Chemistry II and Organic Chemistry II Lab		
E 224		PHY 296	Finalize major if necessary & begin gaining experience	Consider taking a leadership position with a student
HE 225		& PHY 297		
anic Chemistry I and Organic Chemistry I Lab		General Physics II and General Physics II Lab	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
HY 292D		255 255 Introduction to Education	State aposite resume a Emikeum	Solicidor going on a spring break mission mp.
neral Physics I and General Physics I Lab				
cond Language (S) course *1		EDU 201 Introduction to Education Field Experience	Build professional network (e.g. informational interviews)	
		GES 125 Introduction to the Creative Arts	Attend Spring Career Fair	
13	1	3 16	Obtain Internship or relevant job by summer	
	MI	ESTONES: Consider doing an online course over the sun	nmer	
	Recommended Courses			
Fall Semester 3	Interim Semester 3	Spring Semester 3		
E 395 Chemistry Seminar: Research and Professional	Interim Off	CHE 490 Chemistry Seminar: Research	Career Planning and Preparation PHASE 2: EXPERIENCE	R.E.A.L. Experience Review your R.E.A.L. Portfolio and prepare to make it
velopment	interiii Oii	Cric 450 Criemistry Seminar. Research	FINGE 2. EXPERIENCE	public.
E 201 Christian Theology		CHE 312	Use experineces to narrow down career choice & develop	Consider studying abroad.
		& CHE 313	relevant skills	
ctive		Quantitative Analysis and Quantitative Analysis Lab EDU 240 Educational Psychology	Participate in Fall & Spring Recruiting to obtain an	Consider applying for a Student Leadership Position i
Clive		EDO 240 Educational Esychology	internship	Student Life.
ience, Technology, and Society (K) course		EDU 241 Educational Psychology Field Experience	Schedule a Mock Interview	Consider being a TA for a favorite class.
			Explore Grad Schools & Take Entrance Exams (e.g. GRE)	
orld Cultures (U) course *3		Artistic Experience (A) course	if necessary	
oss-cultural Experience (Z) course		Interpreting Biblical Themes (J) course	Expand Professional Network	
12-16	(	0 13-16	i	
	MILES?	ONE: A minimum 3.2 GPA in your major is a good goal to	strive for	
	Recommended Courses			
Fall Semester 4	Recommended Courses Interim Semester 4	Spring Semester 4	Carper Planning and Propagation	P.F.A.L. Experience
344 Thermodynamics, Kinetics, and Statistical		Spring Semester 4  EDU 490 Student Teaching Block	Career Planning and Preparation PHASE 3: EXECUTE	
E 344 Thermodynamics, Kinetics, and Statistical chanics	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE	R.E.A.L. Experience  Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics E 345 Thermodynamics, Kinetics, and Statistical	Interim Semester 4		PHASE 3: EXECUTE  Execute an effective job or grad school search	Continue updating your public R.E.A.L. Portfolio with
E 344 Thermodynamics, Kinetics, and Statistical chanics E 345 Thermodynamics, Kinetics, and Statistical chanics Lab	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab J 203 School Health and Drugs	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 317GZ Educational Equity	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics E 345 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 317GZ Educational Equity U 320 Pedagogy and the Young Adolescent Learner	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 317GZ Educational Equity U 320 Pedagogy and the Young Adolescent Learner U 321 Integrated Literacy in the Content Areas	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics E 345 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 317GZ Educational Equity U 320 Pedagogy and the Young Adolescent Learner U 321 Integrated Literacy in the Content Areas U 420 Methods in Teaching 5-12 Science	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas J 420 Methods in Teaching 5-12 Science	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 245 Thermodynamics, Kinetics, and Statistical chanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas J 420 Methods in Teaching 5-12 Science J 429 Science Education Practicum in Grades 5-8 or 5-	Interim Semester 4	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 245 Thermodynamics, Kinetics, and Statistical chanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas J 420 Methods in Teaching 5-12 Science J 429 Science Education Practicum in Grades 5-8 or 5-	Interim Semester 4  Contemporary Christian Issues (P) course	EDU 490 Student Teaching Block	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical hanics 3 45 Thermodynamics, Kinetics, and Statistical hanics 1 245 Thermodynamics, Kinetics, and Statistical hanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas 420 Methods in Teaching 5-12 Science 429 Science Education Practicum in Grades 5-8 or 5- temporary Christian Issues (P) course	Interim Semester 4  Contemporary Christian Issues (P) course	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical hanics 2 445 Thermodynamics, Kinetics, and Statistical hanics 2 451 Thermodynamics, Kinetics, and Statistical hanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas 420 Methods in Teaching 5-12 Science J 429 Science Education Practicum in Grades 5-8 or 5- temporary Christian Issues (P) course  18 al Credits: 123-130	Interim Semester 4  Contemporary Christian Issues (P) course	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 317GZ Educational Equity U 320 Pedagogy and the Young Adolescent Learner U 321 Integrated Literacy in the Content Areas U 420 Methods in Teaching 5-12 Science U 429 Science Education Practicum in Grades 5-8 or 5- temporary Christian Issues (P) course  18 tal Credits: 123-130	Interim Semester 4  Contemporary Christian Issues (P) course	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics Lab U 203 School Health and Drugs U 321 School Health and Drugs U 321 Pedagogy and the Young Adolescent Learner U 321 Integrated Literacy in the Content Areas U 420 Methods in Teaching 5-12 Science U 429 Science Education Practicum in Grades 5-8 or 5- temporary Christian Issues (P) course  18 tal Credits: 123-130 Students must complete through the second semester of a	Interim Semester 4  Contemporary Christian Issues (P) course  a first year language course or equivalent (Check the catalog	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation  3 15  for details of this option.)	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
E 344 Thermodynamics, Kinetics, and Statistical chanics 2 445 Thermodynamics, Kinetics, and Statistical chanics 2 456 Thermodynamics, Kinetics, and Statistical chanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas J 420 Methods in Teaching 5-12 Science J 429 Science Education Practicum in Grades 5-8 or 5- temporary Christian Issues (P) course  18 al Credits: 123-130 Students must complete through the second semester of a	Interim Semester 4  Contemporary Christian Issues (P) course  a first year language course or equivalent (Check the catalog s the requirements of CHE 113/CHE 113D and CHE 214/CHE	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation  15  15  15  15  15  15  15  15  15  1	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
344 Thermodynamics, Kinetics, and Statistical hanics 345 Thermodynamics, Kinetics, and Statistical hanics 145 Thermodynamics, Kinetics, and Statistical hanics Lab J 203 School Health and Drugs J 317GZ Educational Equity J 320 Pedagogy and the Young Adolescent Learner J 321 Integrated Literacy in the Content Areas 420 Methods in Teaching 5-12 Science 429 Science Education Practicum in Grades 5-8 or 5-emporary Christian Issues (P) course 18 al Credits: 123-130 tudents must complete through the second semester of a tudents must complete through the second semester of the E 208/CHE 208D is a one-semester course that meet	Interim Semester 4  Contemporary Christian Issues (P) course  a first year language course or equivalent (Check the catalog	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation  15  15  15  15  15  15  15  15  15  1	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
344 Thermodynamics, Kinetics, and Statistical nanics 345 Thermodynamics, Kinetics, and Statistical nanics 145 Thermodynamics, Kinetics, and Statistical nanics Lab 203 School Health and Drugs 317GZ Educational Equity 320 Pedagogy and the Young Adolescent Learner 321 Integrated Literacy in the Content Areas 420 Methods in Teaching 5-12 Science 429 Science Education Practicum in Grades 5-8 or 5-emporary Christian Issues (P) course 18 Integrated Literacy 19 Literacy Christian Issues (P) course 18 Integrated Literacy 19 Literacy Christian Issues (P) course 18 Integrated Literacy 19 Literacy 1	Interim Semester 4  Contemporary Christian Issues (P) course  a first year language course or equivalent (Check the catalog s the requirements of CHE 113/CHE 113D and CHE 214/Chets the U requirement - EDU 236UZ or EDU 204UZ. See Edu	EDU 490 Student Teaching Block CHE 494 Chemistry Seminar: Research Presentation  15  15  15  15  15  15  15  15  15  1	PHASE 3: EXECUTE  Execute an effective job or grad school search  Participate in Fall and Spring Recruiting  Apply for Graduate School if necessary  Expand Professional Network  elective in the spring semester of their freshman year.	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.

B.A. in Science Education 9-12 (Chemis	try Emphasis) - Humanities						
	Recommended Courses						
Fall Semester 1	Interim Semester 1	Spring Semester 1	Career Planning and Preparation	R.E.A.L. Experience			
CHE 113	GES 147 Humanities II: Renaissance and Reformation	BIB 101 Introduction to the Bible	PHASE 1: EXPLORE				
& CHE 113D *2 General Chemistry I and General Chemistry I Lab				Create your R.E.A.L. Portfolio			
OR		Leisure and Lifetime Sports (Q) course	Explore self, careers, & God's call	1			
CHE 208		CHE 214	Take a Career Assessment	Consider joining a club or ministry of interest			
& CHE 208D *2 Accelerated General Chemistry and		& CHE 215	Take a Caleer Assessment				
Accelerated General Chemistry Lab		(or elective if CHE208/208D was taken in fall) *2 General					
		Chemistry IIGeneral Chemistry II Lab		Consider finding a mentor			
MAT 124M Calculus 1		MAT 125 Calculus 2	Research Careers: O*Net, Candid Careers, & informational interviews w/ Alums				
GES 140 Introduction to Wellbeing		GES 244 Humanities III: European Enlightenment and	Gain Experience: Part-time job; Campus Involvement (e.g.				
140 Introduction to Wellberrig		American Culture to 1877	student club); Volunteering				
GES 145 Humanities I: Greco-Roman through Middle Ages							
19		4 16					
MILESTONES: Consider study abroad options							
	Recommended Courses	,					
Fall Semester 2				R.E.A.L. Experience			
CHE 200 Laboratory Safety and Chemical Hygiene	EDU 200 Introduction to Education	CHE 226	PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L.			
		& CHE 227		Portfolio.			
		Organic Chemistry II and Organic Chemistry II Lab					
CHE 224 & CHE 225	EDU 201 Introduction to Education Field Experience	PHY 296 & PHY 297	Finalize major if necessary & begin gaining experience	Consider taking a leadership position with a student club.			
Organic Chemistry I and Organic Chemistry I Lab		General Physics II and General Physics II Lab					
PHY 292		EDU 203 School Health and Drugs	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.			
& PHY 292D				3 3 3 4 4 3 4 4 4			
General Physics I and General Physics I Lab							
GES 246 Humanities IV: Modern and Contemporary Western Culture		Second Language (S) course *1	Build professional network (e.g. informational interviews)				
Western Culture			Attend Spring Career Fair				
13		14	Obtain Internship or relevant job by summer				
16		ESTONES: Consider doing an online course over the sun	, , ,				
		LESTONES. Consider doing an online course over the sun	illilei				
Fall Semester 3	Recommended Courses Interim Semester 3	Spring Semester 3	0 81 1 18 11	R.E.A.L. Experience			
CHE 395 Chemistry Seminar: Research and Professional	Interim Semester 3	CHE 490 Chemistry Seminar: Research	Career Planning and Preparation PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it			
Development		one roo onemen y comman recognism	TIMOL E. LAW ENGLISE	public.			
World cultures (U) course *3		CHE 312	Use experineces to narrow down career choice & develop	Consider studying abroad.			
		& CHE 313 Quantitative Analysis and Quantitative Analysis Lab	relevant skills				
Science, technology and Society (K) course		EDU 240 Educational Psychology	Participate in Fall & Spring Recruiting to obtain an	Consider applying for a Student Leadership Position in			
Coloride, tearniology and coolery (it) course		EBO 240 Eddoddonai'i Sychology	internship	Student Life.			
Leisure and Lifetime Sports (Q) course		EDU 241 Educational Psychology Field Experience	Schedule a Mock Interview	Consider being a TA for a favorite class.			
Electives		Interpreting Biblical Themes (J) course	Explore Grad Schools & Take Entrance Exams (e.g. GRE)				
			if necessary				
		Artistic Experience (A) course	Expand Professional Network				
14	I .	0 13-16	1				
		ONE: A minimum 3.2 GPA in your major is a good goal to	strive for				
	Recommended Courses						
Fall Semester 4	Interim Semester 4	Spring Semester 4	Career Planning and Preparation	R.E.A.L. Experience			
CHE 344	Contemporary Christian Issues (P) course	EDU 490 Student Teaching Block	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with			
& CHE 345 Thermodynamics, Kinetics, and Statistical Mechanics and				relevant experiences and reflection.			
Thermodynamics, Kinetics, and Statistical Mechanics and Thermodynamics, Kinetics, and Statistical Mechanics Lab							
EDU 320 Pedagogy and the Young Adolescent Learner		CHE 494 Chemistry Seminar: Research Presentation	Execute an effective job or grad school search	Consider mentoring an underclassman.			
EDU 321 Integrated Literacy in the Content Areas			Participate in Fall and Spring Recruiting	2			
EDU 420 Methods in Teaching 5-12 Science			Apply for Graduate School if necessary				
EDU 429 Science Education Practicum in Grades 5-8 or 5-			Expand Professional Network				
12							
EDU 317GZ Educational Equity							
13	3	15	5				
Total Credits: 138-131							
*1 Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)							
2. CHE 208/CHE 208D is a one-semester course that meets the requirements of CHE 113/CHE 113D and CHE 214/CHE 215. Students taking CHE 208/CHE 208D may choose an elective in the spring semester of their freshman year.							
3. The Education Department offers an interim trip that meets the U requirement - EDU 236UZ or EDU 204UZ. See Education Abroad Options.							
MN basic skills tests (MTLE) required for full admission to the Education Department.							
This arrange gaverns shadest will use DIO 410/DIO 4100 FDU 21707, and male source to weat the gastest Calcustical Absorber Colored Comparative Culture and Alle March 1997 and Male Colored Colored Comparative Culture and Alle March 1997 and Male Colored C							