

B.S. in Biology - CWILT Enhanced Academic Plan				
Recommended Courses			Career Planning and Preparation	
Fall Semester 1	Interim Semester 1	Spring Semester 1		R.E.A.L. Experience
BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	GES 160 Inquiry Seminar	BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	PHASE 1: EXPLORE	Create your R.E.A.L. Portfolio
GES 140 Introduction to Wellbeing		GES 130 Christianity Western Culture	Explore self, careers, & God's call	Consider joining Sigma Zeta, or another club or ministry of interest
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab		CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab	Take a Career Assessment	Consider finding a mentor
or CHE208/208D Accelerated General Chemistry/Lab		Electives	Research Careers: O*Net, Candid Careers, & informational interviews w/ Alums	
Mathematics (M) course			Gain Experience: Part-time job; Campus Involvement (e.g. student club); Volunteering	
14	3	16		
MILESTONES: Consider study abroad options				
Recommended Courses			Career Planning and Preparation	
Fall Semester 2	Interim Semester 2	Spring Semester 2		R.E.A.L. Experience
BIO 218 Biology in a Changing World	Contemporary Western Life and Thought (L) course	CHE 226 & CHE 227 Organic Chemistry II and Organic Chemistry II Lab	PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L. Portfolio.
CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab		THE 201 Christian Theology	Finalize major if necessary & begin gaining experience	Consider taking a leadership position with a student club.
BIB 101 Introduction to the Bible		GES 125 Introduction to the Creative Arts	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
Leisure and Lifetime Sports (Q) course		Biology environmental area choice	Build professional network (e.g. informational interviews)	
Artistic Experience (A) course			Attend Spring Career Fair	
Elective			Obtain Internship or relevant job by summer	
14-17	3	15		
MILESTONES: Consider doing an online course over the summer				
Recommended Courses			Career Planning and Preparation	
Fall Semester 3	Interim Semester 3	Spring Semester 3		R.E.A.L. Experience
BIO 399 Introduction to Research	World Cultures (U) course	Biology molecular area choice	PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it public.
Biology organismic area choice		Physics II elective	Use experiences to narrow down career choice & develop relevant skills	Consider studying abroad.
Physics I elective		Comparative Systems (G) course	Participate in Fall & Spring Recruiting to obtain an internship	Consider applying for a Student Leadership Position in Student Life.
Science, Technology and Society (K) course		Interpreting Biblical Themes (J) course	Schedule a Mock Interview	Consider being a TA for a favorite class.
Second Language (S) course*1			Explore Grad Schools & Take Entrance Exams (e.g. GRE) if necessary	
			Expand Professional Network	
16	3	14		
MILESTONE: A minimum 3.2 GPA in your major is a good goal to strive for				
Recommended Courses			Career Planning and Preparation	
Fall Semester 4	Interim Semester 4	Spring Semester 4		R.E.A.L. Experience
BIO 481 or 496 Internship in Biology or Biology Research	Interim Off	BIO 481 or 497 Internship in Biology or Advanced Biology Research	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
BIO 495 Biology Seminar		Biology elective	Execute an effective job or grad school search	Consider mentoring an underclassman.
Biology elective		Biology elective	Participate in Fall and Spring Recruiting	
Biology elective		Contemporary Christian Issues (P) course	Apply for Graduate School if necessary	
Elective		Cross-Cultural Experience (Z) course	Expand Professional Network	
15-17	0	12-17		
Total Credits: 125-135				
1. Students must complete through the second semester of a first year language course or equivalent.				
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This program assumes the student will use BIO 124 / BIO 124D to meet the general Laboratory Science requirement.				
Most financial aid packages stipulate 12 credits/semester; Minnesota state grants reduced when credit load falls below 15 credits/semester. (Interim credits may be split between fall and spring for state grant purposes only.)				

B.A. in Biology - Humanities Enhanced Academic Plan

Recommended Courses				
Fall Semester 1	Interim Semester 1	Spring Semester 1	Career Planning and Preparation	R.E.A.L. Experience
CHE 113 & CHE 113D General Chemistry I and General Chemistry I Lab	GES 147 Humanities II: Renaissance and Reformation	BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	PHASE 1: EXPLORE	Create your R.E.A.L. Portfolio
BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab or CHE208/208D Accelerated General Chemistry I/Lab		CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab	<i>Explore self, careers, & God's call</i>	Consider joining Sigma Zeta, or another club or ministry of interest
GES 145 Humanities I: Greco-Roman through Middle Ages		GES 244 Humanities III: European Enlightenment and American Culture to 1877	Take a Career Assessment	Consider finding a mentor
GES 140 Introduction to Wellbeing		BIB 101 Introduction to the Bible	Research Careers: O*Net, Candid Careers, & informational interviews w/ Alums	
			Gain Experience: Part-time job; Campus Involvement (e.g. student club); Volunteering	
15	4	15		
MILESTONES: Consider study abroad options				
Recommended Courses				
Fall Semester 2	Interim Semester 2	Spring Semester 2	Career Planning and Preparation	R.E.A.L. Experience
BIO 218 Biology in a Changing World	Elective	CHE 226 & CHE 227 Organic Chemistry II and Organic Chemistry II Lab	PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L. Portfolio.
CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab		Biology environmental area choice	<i>Finalize major if necessary & begin gaining experience</i>	Consider taking a leadership position with a student club.
GES 246 Humanities IV: Modern and Contemporary Western Culture		Mathematics area choice	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
Leisure and Lifetime Sports (Q) course		Second Language (S) course*1	Build professional network (e.g. informational interviews)	
Artistic Experience (A) course			Attend Spring Career Fair	
12-15	3	15	Obtain Internship or relevant job by summer	
MILESTONES: Consider doing an online course over the summer				
Recommended Courses				
Fall Semester 3	Interim Semester 3	Spring Semester 3	Career Planning and Preparation	R.E.A.L. Experience
BIO 399 Introduction to Research	Comparative Systems (G) course	Biology molecular area choice	PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it public.
Biology organismic area choice		Physics II elective	<i>Use experiences to narrow down career choice & develop relevant skills</i>	Consider studying abroad.
Physics I elective		Interpreting Biblical Themes (J) course	Participate in Fall & Spring Recruiting to obtain an internship	Consider applying for a Student Leadership Position in Student Life.
World Cultures (U) course		Elective	Schedule a Mock Interview	Consider being a TA for a favorite class.
			Explore Grad Schools & Take Entrance Exams (e.g. GRE) if necessary	
			Expand Professional Network	
12	3	14		
MILESTONE: 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
BIO 495 Biology Seminar	Interim Off	BIO 497 Advanced Biology Research	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
BIO 481 or 496 Internship in Biology or Biology Research		Biology elective	<i>Execute an effective job or grad school search</i>	Consider mentoring an underclassman.
Science, Technology and Society (K) course		Biology elective	Participate in Fall and Spring Recruiting	
Biology electives		Contemporary Christian Issues (P) course	Apply for Graduate School if necessary	
Cross-Cultural Experience (Z) course		Elective	Expand Professional Network	
13-19	0	15		

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