

B.S. in Neuroscience Enhanced Academic Plans

B.S. in Neuroscience 2018-2019: Option 1 - CWILT				
Recommended Courses			Career Planning and Preparation	R.E.A.L. Experience
Fall Semester 1	Interim Semester 1	Spring Semester 1		
CHE 113 & CHE 113D *1 General Chemistry I and General Chemistry I Lab	GES 160 Inquiry Seminar	CHE 214 General Chemistry II	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		NSC 130 & NSC 130D *2 Introduction to Neuroscience and Intro to Neuroscience Lab	<i>Explore self, careers, & God's call</i>	Consider joining Sigma Zeta, or another club or ministry of interest
MAT 124M*1 Calculus 1		BIB 101 Introduction to the Bible	Take a Career Assessment	Consider finding a mentor
GES 140 Introduction to Wellbeing		PSY 100 Introduction to Psychology	Research Careers: O*Net, Candid Careers, & informational interviews w/ Alums	
			Gain Experience: Part-time job; Campus Involvement (e.g. student club); Volunteering	
1.5	3	1.3		
MILESTONES: Consider study abroad options				
Recommended Courses			Career Planning and Preparation	R.E.A.L. Experience
Fall Semester 2	Interim Semester 2	Spring Semester 2		
GES 130 Christianity Western Culture	GES 125 Introduction to the Creative Arts	PHY 206 & PHY 207 Introductory Physics II and Introductory Physics II Lab	PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L. Portfolio.
BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab		THE 201 Christian Theology	<i>Finalize major if necessary & begin gaining experience</i>	Consider taking a leadership position with a student club.
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab		BIO 358 & BIO 359 Neurobiology and Neurobiology Lab	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
PSY 230M Introduction to Statistical Methods and Experimental Design		Contemporary Western Life and Thought (L) course	Build professional network (e.g. informational interviews)	
			Attend Spring Career Fair	
16	4	14	Obtain Internship or relevant job by summer	
MILESTONES: Consider doing an online course over the summer				
Recommended Courses			Career Planning and Preparation	R.E.A.L. Experience
Fall Semester 3	Interim Semester 3	Spring Semester 3		
CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab	PSY 337K or COS 337K Behavioral Robotics or Behavioral Robotics	NSC 493 Literature Review in Neuroscience	PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it public.
PSY 340 & PSY 341 Physiological Psychology and Physiological Psychology Lab		Cross Cultural Experience (Z) course	<i>Use experiences to narrow down career choice & develop relevant skills</i>	Consider studying abroad.
Leisure and Lifetime Sport (Q) course		Second Language (S) course	Participate in Fall & Spring Recruiting to obtain an internship	Consider applying for a Student Leadership Position in Student Life.
World Cultures (U) course		Psychology Elective	Schedule a Mock Interview	Consider being a TA for a favorite class.
Elective		Interpreting Biblical Themes (J) course	Explore Grad Schools & Take Entrance Exams (e.g. GRE) if necessary	
15	3	12-15	Expand Professional Network	
MILESTONE: A minimum 3.2 GPA in your major is a good goal to strive for				
Recommended Courses			Career Planning and Preparation	R.E.A.L. Experience
Fall Semester 4	Interim Semester 4	Spring Semester 4		
NSC 496 Neuroscience Research	Interim Off	Contemporary Christian Issues (P) course	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
NSC 350 & NSC 351 Neuroscience Methods and Neuroscience Methods Lab		NSC 499 Neuroscience Seminar*3	<i>Execute an effective job or grad school search</i>	Consider mentoring an underclassman.
Biology Elective		Biology Elective	Participate in Fall and Spring Recruiting	
Comparative Systems (G) course		Artistic Experience (A) course	Apply for Graduate School if necessary	
Elective		Elective (300-400 Level)	Expand Professional Network	
15	0	12-15		
Total Credits: 122-128				
1. This course meets a General Education requirement.				
2. This course is also cross listed as PSY 130/PSY 130D or BIO 130/BIO 130D				

B.S. in Neuroscience Enhanced Academic Plans

B.S. in Neuroscience - Humanities					
Fall Semester 1		Recommended Courses		Career Planning and Preparation	R.E.A.L. Experience
Interim Semester 1		Spring Semester 1			
BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	GES 147 Humanities II: Renaissance and Reformation	CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab		PHASE 1: EXPLORE	Create your R.E.A.L. Portfolio
CHE 113 & CHE 113D *1 General Chemistry I and General Chemistry I Lab		BIO 130 & BIO 130D *1,*2 Introduction to Neuroscience and Introduction to Neuroscience Lab		<i>Explore self, careers, & God's call</i>	Consider joining Sigma Zeta, or another club or ministry of interest
MAT 124M*1 Calculus 1		GES 244 Humanities III: European Enlightenment and American Culture to 1877		Take a Career Assessment	Consider finding a mentor
GES 145 Humanities I: Greco-Roman through Middle Ages	16	4	12	Research Careers: O*Net, Candid Careers, & informational interviews w/ Alums Gain Experience: Part-time job; Campus Involvement (e.g. student club); Volunteering	
MILESTONES: Consider study abroad options					
Fall Semester 2		Recommended Courses		Career Planning and Preparation	R.E.A.L. Experience
Interim Semester 2		Spring Semester 2			
BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	GES 160 Inquiry Seminar	PHY 206 & PHY 207 Introductory Physics II and Introductory Physics II Lab		PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L. Portfolio.
GES 246 Humanities IV: Modern and Contemporary Western Culture		BIB 101 Introduction to the Bible		<i>Finalize major if necessary & begin gaining experience</i>	Consider taking a leadership position with a student club.
PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab		PSY 230M Introduction to Statistical Methods and Experimental Design		Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
PSY 100 Introduction to Psychology		BIO 358 & BIO 359 Neurobiology and Neurobiology Lab		Build professional network (e.g. informational interviews) Attend Spring Career Fair	
	15	3	15	Obtain Internship or relevant job by summer	
MILESTONES: Consider doing an online course over the summer					
Fall Semester 3		Recommended Courses		Career Planning and Preparation	R.E.A.L. Experience
Interim Semester 3		Spring Semester 3			
CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab	COS 337K or PSY 337K1 Behavioral Robotics or Behavioral Robotics	NSC 493 Literature Review in Neuroscience		PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it public.
PSY 340 & PSY 341 Physiological Psychology and Physiological Psychology Lab		Second Language (S) course		<i>Use experiences to narrow down career choice & develop relevant skills</i>	Consider studying abroad.
Leisure and Lifetime Sport (Q) course		Psychology Elective		Participate in Fall & Spring Recruiting to obtain an internship	Consider applying for a Student Leadership Position in Student Life.
World Cultures (U) course		Interpreting Biblical Themes (J) course		Schedule a Mock Interview	Consider being a TA for a favorite class.
	12	3	15	Explore Grad Schools & Take Entrance Exams (e.g. GRE) if necessary Expand Professional Network	
MILESTONE: A minimum 3.2 GPA in your major is a good goal to strive for					
Fall Semester 4		Recommended Courses		Career Planning and Preparation	R.E.A.L. Experience
Interim Semester 4		Spring Semester 4			
NSC 350 & NSC 351 Neuroscience Methods and Neuroscience Methods Lab	Interim Off	NSC 499 Neuroscience Seminar		PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with relevant experiences and reflection.
Comparative Systems (G) course		Contemporary Christian Issues (P) course		<i>Execute an effective job or grad school search</i>	Consider mentoring an underclassman.
Biology Elective		Biology Elective		Participate in Fall and Spring Recruiting	
NSC 496 Neuroscience Research		Artistic Experience		Apply for Graduate School if necessary	
Elective	16	Elective (300 or 400 level)	12-15	Expand Professional Network	
Total Credits: 123-126					
1. This course meets a General Education requirement.					
2. This course is also cross listed as PSY 130/PSY 130D or BIO 130/BIO 130D					