B.S. in Neuroscience 1

## **B.S. IN NEUROSCIENCE**

CHE 113	Code	Title	Credits			
BIO/NSC 358   Neurobiology Lab   1   1   1   1   1   1   1   1   1	, ,	Major in Neuroscience (B.S.)				
BIO/NSC 359   Neurobiology Lab   1   CHE 113   General Chemistry   4   4   4   CHE 113D   and General Chemistry   Lab   4   4   CHE 215   and General Chemistry   Lab   4   4   CHE 215   and General Chemistry   Lab   4   4   CHE 225   and Organic Chemistry   Lab   4   4   CHE 225   and Organic Chemistry   Lab   MAT 123M   Precalculus   10   3   NSC 130   Introduction to Neuroscience   4   NSC 130D   and Intro to Neuroscience Lab   NSC 350   Neuroscience Methods   4   NSC 351   and Neuroscience Methods   Ab NSC 351   and Neuroscience Methods   Ab NSC 351   and Neuroscience Methods   Ab NSC 493   Literature Review in Neuroscience   1   NSC 496   Neuroscience Research   1   NSC 499   Neuroscience Seminar   1   PSY 355   Research Principles and Laboratory   4   Fundamentals of Psychology Courses   PSY 100   Introduction to Psychology   3   NSY 230M   Introduction to Statistical Methods and Experimental Design   4   Ab NSC 361   And Integrative Biology; Genes, Cells, Change   4   Ab NSC 361   And Integrative Biology; Metabolism, Energy, Biodiversity   4   Ab NSC 361   And Integrative Biology; Metabolism, Energy, Biodiversity   Ab RIO 128   Integrative Biology; Metabolism, Energy, Biodiversity   Ab RIO 128   And Integrative Biology; Metabolism, Energy, Biodiversity   Ab RIO 128   And Integrative Biology; Metabolism, Energy, Biodiversity   Ab RIO 128   And Integrative Biology; Metabolism, Energy, Biodiversity   Ab RIO 128   Calculus   Calculus	Neuroscience Core					
CHE 113	BIO/NSC 358	Neurobiology	3			
& CHE 113D and General Chemistry II Lab CHE 214 General Chemistry II Ab CHE 215 and General Chemistry II Lab CHE 224 Organic Chemistry II Lab CHE 225 and Organic Chemistry I Lab MAT 123M Precalculus 10 3 NSC 130 Introduction to Neuroscience A 8 NSC 130D and Intro Overroscience Lab NSC 350 Neuroscience Methods Lab NSC 351 and Neuroscience Methods Lab NSC 493 Literature Review in Neuroscience 1 NSC 499 Neuroscience Seminar 1 NSC 499 Neuroscience Seminar 1 NSC 499 Neuroscience Seminar 1 PSY 355 Research Principles and Laboratory 4 Fundamentals of Psychology Courses PSY 100 Introduction to Psychology 3 PSY 230M Introduction to Statistical Methods and Experimental Design 4 Endamentals of Biology Courses BIO 124 Integrative Biology, Genes, Cells, Change A 8 BIO 128 Integrative Biology, Metabolism, Energy, Biodiversity Lab Choose one or both Mathematics courses: 4-8 MAT 124M Calculus 1 MAT 125 Calculus 2 1 Choose two courses from Biology and Biochemistry, at least one of which must be 3 BIO 216 Human Anatomy & BIO 216 Human Anatomy & BIO 217 and Human Anatomy Lab BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology & BIO 332 Genetics & BIO 333 and Genetics Lab 8 BIO 333 and Genetics Lab 8 BIO 333 BIO 338 Endocrinology	BIO/NSC 359	Neurobiology Lab	1			
& CHE 215 and General Chemistry II Lab CHE 224 Organic Chemistry I & CHE 225 and Organic Chemistry I Lab MAT 123M Precalculus 10 MSC 130 Introduction to Neuroscience & NSC 130D and Introduction to Neuroscience Lab NSC 350 Neuroscience Methods & NSC 351 and Neuroscience Methods Lab NSC 351 and Neuroscience Methods Lab NSC 493 Literature Review in Neuroscience NSC 496 Neuroscience Research NSC 499 Neuroscience Seminar 10 NSC 499 Neuroscience Seminar 11 NSC 499 Neuroscience Seminar 12 PSY 355 Research Principles and Laboratory 44 Fundamentals of Psychology Courses PSY 100 Introduction to Psychology Sy 230M Introduction to Statistical Methods and Experimental Design 45 Fundamentals of Biology Courses BIO 124 Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab Choose one or both Mathematics courses: 4-8 MAT 124M Calculus 1 MAT 125 Calculus 2 1 Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above: BIO 216 BIO 216 BIO 216 BIO 238 BIO 239 BIO 332 Genetics BIO 332 Genetics BIO 333 BIO 338 Endocrinology BIO 338 Endocrinology		,	4			
& CHE 225 and Organic Chemistry I Lab MAT 123M Precalculus <sup>10</sup> NSC 130 Introduction to Neuroscience & NSC 1300 And Intro to Neuroscience Lab NSC 350 Neuroscience Methods & NSC 351 and Neuroscience Methods & NSC 351 and Neuroscience Methods  NSC 493 Literature Review in Neuroscience  NSC 496 Neuroscience Research NSC 499 Neuroscience Seminar  PSY 355 Research Principles and Laboratory  Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology  Ney 230M Introduction to Statistical Methods and Experimental Design  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change & BIO 124 Integrative Biology: Genes, Cells, Change 4 & BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab Choose one or both Mathematics courses:  MAT 124M Calculus 1  MAT 125 Calculus 2 <sup>1</sup> Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 216 Human Anatomy & BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology & BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology		· · · · · · · · · · · · · · · · · · ·	4			
NSC 130 Introduction to Neuroscience 4 & NSC 130D and Intro to Neuroscience Lab  NSC 350 Neuroscience Methods 4 & NSC 351 and Neuroscience Methods Lab  NSC 493 Literature Review in Neuroscience  1 NSC 496 Neuroscience Research  NSC 499 Neuroscience Seminar  1 NSC 499 Neuroscience Seminar  1 PSY 355 Research Principles and Laboratory  4 Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology  PSY 230M Introduction to Statistical Methods and Experimental Design  4 Houdamentals of Biology Courses  BIO 124 Integrative Biology. Genes, Cells, Change 4 & BIO 124D and Integrative Biology. Genes, Cells, Change 4 & BIO 128 Integrative Biology. Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology. Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses:  MAT 124M Calculus 1 MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy 4 & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology and Human Anatomy Lab  BIO 238 Human Anatomy and Physiology Lab 5  BIO 339 and Human Anatomy and Physiology Lab 5  BIO 330 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology		•	4			
& NSC 130D and Intro to Neuroscience Lab  NSC 350 Neuroscience Methods & NSC 351 and Neuroscience Methods Lab  NSC 493 Literature Review in Neuroscience  NSC 496 Neuroscience Research  NSC 499 Neuroscience Seminar  PSY 355 Research Principles and Laboratory  4  Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology  SPSY 230M Introduction to Statistical Methods and Experimental Design  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change & BIO 124 Integrative Biology: Genes, Cells, Change 4 & BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity & BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses:  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab BIO 216 Human Physiology & BIO 217 and Human Physiology & BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology & BIO 230 Genetics & BIO 331 Genetics & BIO 332 Genetics & BIO 333 and Genetics Lab BIO 338 Endocrinology	MAT 123M	Precalculus <sup>10</sup>	3			
& NSC 351 and Neuroscience Methods Lab  NSC 493 Literature Review in Neuroscience 1  NSC 496 Neuroscience Research 1  NSC 499 Neuroscience Seminar 1  PSY 355 Research Principles and Laboratory 4  Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology 3  PSY 230M Introduction to Statistical Methods and Experimental Design 4  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4  & BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4  & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy Anatomy Lab  BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology Lab 5  BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology			4			
NSC 496 Neuroscience Research 1 NSC 499 Neuroscience Seminar 1 PSY 355 Research Principles and Laboratory 4 Fundamentals of Psychology Courses PSY 100 Introduction to Psychology 3 PSY 230M Introduction to Statistical Methods and Experimental Design 4 Fundamentals of Biology Courses BIO 124 Integrative Biology. Genes, Cells, Change 4 & BIO 124D and Integrative Biology. Genes, Cells, Change Lab BIO 128 Integrative Biology. Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab Choose one or both Mathematics courses: 4-8 MAT 124M Calculus 1 MAT 125 Calculus 2 1 Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy 8BIO 215 and Human Anatomy Lab BIO 216 Human Physiology 8BIO 217 and Human Physiology Lab 5 BIO 238 Human Anatomy and Physiology Lab 5 BIO 239 and Human Anatomy and Physiology Lab 5 BIO 332 Genetics 8BIO 333 and Genetics Lab 8 BIO 333 Endocrinology			4			
NSC 499 Neuroscience Seminar 1 PSY 355 Research Principles and Laboratory 4 Fundamentals of Psychology Courses PSY 100 Introduction to Psychology 3 PSY 230M Introduction to Statistical Methods and Experimental Design 4 Fundamentals of Biology Courses BIO 124 Integrative Biology. Genes, Cells, Change 4 & BIO 124D and Integrative Biology. Genes, Cells, Change 4 & BIO 128 Integrative Biology. Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab Choose one or both Mathematics courses: 4-8 MAT 124M Calculus 1 MAT 125 Calculus 2 <sup>1</sup> Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab BIO 216 Human Physiology & BIO 217 and Human Physiology Lab <sup>5</sup> BIO 238 Human Anatomy and Physiology Lab <sup>5</sup> BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology	NSC 493	Literature Review in Neuroscience	1			
PSY 355 Research Principles and Laboratory  Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology 3  PSY 230M Introduction to Statistical Methods and Experimental Design 4  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4  & BIO 124D and Integrative Biology: Genes, Cells, Change Lab 8  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4  & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab 4  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy   & BIO 215 and Human Anatomy Lab    BIO 216 Human Physiology   & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology Lab 5  BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	NSC 496	Neuroscience Research	1			
Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology 3  PSY 230M Introduction to Statistical Methods and Experimental Design 4  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4  & BIO 124D and Integrative Biology: Genes, Cells, Change Lab 5  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4  & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab 6  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 3  300-level or above:  BIO 214 Human Anatomy 8  & BIO 215 and Human Anatomy Lab 5  BIO 216 Human Physiology and Human Anatomy Lab 4  BIO 238 Human Anatomy and Physiology 4  & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 330 Genetics 8  & BIO 331 Genetics Lab 8  BIO 333 Endocrinology	NSC 499	Neuroscience Seminar	1			
Fundamentals of Psychology Courses  PSY 100 Introduction to Psychology 3  PSY 230M Introduction to Statistical Methods and Experimental Design 4  Fundamentals of Biology Courses  BIO 124 Integrative Biology. Genes, Cells, Change 4  & BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology. Metabolism, Energy, Biodiversity 4  & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy   & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology   & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology   & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	PSY 355	Research Principles and Laboratory	4			
PSY 100 Introduction to Psychology  PSY 230M Introduction to Statistical Methods and Experimental Design  4 Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4 8 BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4 8 BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1 MAT 125 Calculus 2  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy 8 BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology 8 BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology 8 BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics 8 BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	Fundamentals of Psycho					
PSY 230M Introduction to Statistical Methods and Experimental Design 4  Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4  & BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4  & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy   & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology   & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology   & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	-	<del></del>	3			
Fundamentals of Biology Courses  BIO 124 Integrative Biology: Genes, Cells, Change 4 & BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology and Human Anatomy and Physiology Lab 5  BIO 339 Genetics & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	PSY 230M	,	4			
BIO 124 Integrative Biology: Genes, Cells, Change 4 & BIO 124D and Integrative Biology: Genes, Cells, Change Lab  BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy   & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology   & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology   & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	Fundamentals of Biology					
BIO 128 Integrative Biology: Metabolism, Energy, Biodiversity 4 & BIO 128D and Integrative Biology: Metabolism, Energy, Biodiversity Lab  Choose one or both Mathematics courses: 4-8  MAT 124M Calculus 1  MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 8  300-level or above:  BIO 214 Human Anatomy   & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology   & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology   & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics   & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	BIO 124	Integrative Biology: Genes, Cells, Change	4			
MAT 124M Calculus 1 MAT 125 Calculus 2 1  Choose two courses from Biology and Biochemistry, at least one of which must be 8 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology		Integrative Biology: Metabolism, Energy, Biodiversity	4			
MAT 125 Calculus 2 <sup>1</sup> Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab <sup>5</sup> BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology						
Choose two courses from Biology and Biochemistry, at least one of which must be 300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab 5  BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab 5  BIO 332 Genetics & BIO 333 and Genetics Lab 8  BIO 338 Endocrinology	MAT 124M	Calculus 1				
300-level or above:  BIO 214 Human Anatomy & BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab <sup>5</sup> BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology	MAT 125	Calculus 2 1				
& BIO 215 and Human Anatomy Lab  BIO 216 Human Physiology & BIO 217 and Human Physiology Lab <sup>5</sup> BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology	*** ***					
& BIO 217 and Human Physiology Lab <sup>5</sup> BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology						
BIO 238 Human Anatomy and Physiology & BIO 239 and Human Anatomy and Physiology Lab <sup>5</sup> BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology						
BIO 332 Genetics & BIO 333 and Genetics Lab <sup>8</sup> BIO 338 Endocrinology		Human Anatomy and Physiology				
BIO 338 Endocrinology		Genetics				
a dia chaochilology Lad	BIO 338 & BIO 339					
BIO 346 Animal Behavior & BIO 347 and Animal Behavior Lab <sup>11</sup>						

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	BIO 354 & BIO 355 BIO 362 & BIO 363	Cell Biology and Cell Biology Lab <sup>2</sup> Developmental Biology and Developmental Biology Lab  Animal Physiology		
	BIO 376 & BIO 377	and Animal Physiology Lab		
	BIO 396 & BIO 397	Molecular Biology and Molecular Biology Lab <sup>2, 7</sup>		
	CHE 304 & CHE 397	Essentials of Biochemistry and Biochemistry II Lab <sup>9</sup>		
	CHE 388 & CHE 389	Biochemistry I and Biochemistry I Lab <sup>6</sup>		
С	hoose one Psychology		3-4	
	PSY 323	Motivation and Emotion		
	PSY 348 & PSY 349	Conditioning and Learning and Conditioning and Learning Lab		
	PSY 350	Cognitive Psychology		
	PSY 440 & PSY 441	Sensation and Perception and Sensation and Perception Lab		
C	cience course:	3-4		
	COS 100	Introduction to Programming		
	COS 105	Object-oriented Design and Programming <sup>3</sup>		
	COS 205	Scientific Computing <sup>4</sup>		
Choose one Physics sequence: 8				
	PHY 202 & PHY 202D	Introductory Physics I and Introductory Physics I Lab		
	PHY 206 & PHY 207	Introductory Physics II and Introductory Physics II Lab		
0	r			
	PHY 292 & PHY 292D	General Physics I and General Physics I Lab <sup>4</sup>		
	PHY 296 & PHY 297	General Physics II and General Physics II Lab <sup>12</sup>		
С	ode	Title	Credits	
Major			75-81	
General Education			40-41	
Electives			1-6	
To	otal Credits		122	

- MAT 124M is a prerequisite for PHY 292/PHY 292D.
- This is a designated research course.
- 3 COS 100 or COS 205 is a prerequisite for this course.
- MAT 124M is a prerequisite for this course.
- BIO 104/BIO 104D, BIO 120/BIO 120D, or BIO 218 is a prerequisite for this course.
- CHE 226/CHE 227 is a prerequisite for this course.
- BIO 332/BIO 333 and CHE 226/CHE 227 are prerequisites for this course.
- BIO 120/BIO 120D or BIO 218 is a prerequisite for this course.
- Students requiring CHE 397 for their degree will require an override to take this course concurrently with CHE 304.

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Students may test out of this course based on thier performance on the Math and Computer Science department placement exam.

- This course carries cross credit in psychological science.
- MAT 125 is a prerequisite for this course.
  Courses whose number is followed by a letter fulfill a General Education requirement.