I. Major Interdepartmental Course Requirements — *46 Credits*

A. Core Courses.

1.	**Biology**		**(8 CrHr)**
	BISC 207	Introductory Biology I	4
	BISC 208	Introductory Biology II	4
2.	**Psychology**		**(9 CrHr)**
	PSYC 100	General Psychology	3
	PSYC 207	Experimental Design	3
	PSYC 209	Measurement & Statistics	3
3.	**Neuroscience**		**(6-7 CrHr)**
	PSYC 320	Introduction to Neuroscience	3
	PSYC 367	Neuroscience *Lab Experience*	1☆
	PSYC 414	Drugs and the Brain	3

☆ [This requirement may also be satisfied by completing: 1) the lab in ***Clinical Neuroanatomy***, **PSYC 626**, **B**3 below, or 2) a ***Special Problems Research*** course in a *neuroscience faculty laboratory*, **C** below (*with prior approval only*).

B. Advanced Courses.

1.	**Biology**		**(10 CrHr)**
	BISC 306	General Physiology	3
	BISC 316	Experimental Physiology	2
	> *And* ***Either***		
	BISC 305	Cell Physiology +	3
	BISC 315	Experimental Cell Physiology	2
	>***Or***		
	BISC 401	Molecular Biology of the Cell +	3
	BISC 411	Experimental MB of the Cell	2
2.	**Psychology**	> ***One*** *of the following*:	**(3 CrHr)**
	PSYC 310	Sensation & Perception	3
	PSYC 312	Learning & Motivation	3
3.	**Neuroscience**	> ***One*** *of the following:*	**(3-4 CrHr)**
	PSYC 626	Neuroanatomy	4☆
	PSYC 627	Neurophysiology	3
	PSYC 628	Neuropharmacology	3
	PSYC 667	Integrative Neuroscience	3
	PSYC 630	Neurons and Networks	3
	BISC 639	Developmental Neurobiology	3

C. Elective Courses

> ***One*** *each* at or above 300-level. **(6 Cr Hr)**

BISC (3)* and **PSYC (3)***

* [These credits may include *Special Problems Research* courses *in a Neuroscience lab*]

II. Extra-departmental Requirements — *Total 27*

PHYS 201/202	General Physics I & II	8
CHEM 103/104	General Chemistry I & II	8
CHEM 321/322*	Organic Chemistry I & II	8
MATH 221**	Calculus I	3

*[Students may take CHEM 213 (Elementary Organic Chemistry) and CHEM 214/216 (Elementary Biochemistry) instead of CHEM 321/322-- *but doing so will not satisfy the pre-med requirements*.]

**[Students interested in the more quantitative areas of neuroscience, such as computational neuroscience, should also take MATH 222 (Calculus II).]

III. College & University Requirements — *Total 54*

English, Writing, Multi-cultural	9
Foreign Language	12
Breadth – Groups A,B,C,D*	33

*[Students in the College of Arts and Science must satisfy the breadth requirements of 12 credits in each of the four groups. Because PSYC 201 satisfies 3 credits from Group C, and the natural science courses required for this interdepartmental major satisfy all 13 of the Group D credits, there remain 33 credits to fulfill.

Total credits for graduation = 127

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Course Prerequisites

Course	Prerequisites
PSYC 300-level and above	PSYC 100, 207, 209
BISC 300-level and above	BISC 207, 208 + 1 year of Chemistry
PSYC 626 Neuroanatomy	PSYC 320
PSYC 667 Integrative Neuroscience	PSYC 320
PSYC 630 Neurons and Networks	PSYC 320
PSYC 627 Neurophysiology	PSYC 320 + 2 years of Chemistry
PSYC 628 Neuropharmacology	PSYC 320 + 2 years of Chemistry
BISC 639 Developmental Neurobiology	PSYC 320 + 2 years of Chemistry

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