

Cell Biology and Neuroscience Major

Cell Biology & Neuroscience Option

2010-2012 Catalog

Freshman Year		F	S
BIOH 185	Integrative Physiology	4	
M 171	Calc and Anal. Geom. I	4	
CHMY 141	College Chemistry I	4	
STAT 216	Statistics	3	
BIOB 256	Intro Bio: Cells to Organisms		4
M 172	Calc and Anal. Geom II		4
CHMY 143	College Chemistry II		4
CLS 101	University Seminar		3
Univ. Core & Electives			0
		15	15
Sophomore Year		F	S
BIOB 260	Cellular and Molecular Biology	4	
PHSX 205	College Physics I	4	
CHMY 321 * OR	Organic Chemistry I	4	
CHMY 211 *	Elements of Org. Chem.	5	
WRIT 101	College Writing I	3	
Univ. Core & Electives		0	
BIOB 258	Intro Bio: Organisms to Populations		4
CHMY 323 *	Organic Chemistry II		4
PHSX 207	College Physics II		4
STAT 332	Stats for Scientists and Engrs		3
		15-16	15
Junior Year		F	S
BIOH 320	Biomedical Genetics	3	
BCH 380	Biochemistry	5	
CHMY 361*	Physical Chemistry	4	
BIOH 313	Neurophysiology	3	
Univ. Core & Electives		0 or 4	
BIOB 425	Adv. Cell & Molecular Biology		3
WRIT 201 or 221	College Writing II/Technical Writing		3
Univ. Core & Electives			9
		15	15
Senior Year		F	S
BIOB 499 (see advisor for other option)	Senior Thesis/Capstone		2
Univ. Core & Electives		15	13
		15	15

NOTE

* Students in the CBN option should take either CHMY 321 and CHMY 323 in their sophomore year or CHMY 211 and CHMY 361 in their sophomore and junior years.

Additional Requirements

* A minimum of 18 additional upper division elective credits in the life sciences must be completed. Of these 18 at least 6 must be from 400 level courses and least 3 courses must be from the Cell Biology and Neuroscience Department. No more than 6 credits of BIOL 490; no more than 2 credits from BIOL 470 and no more than 2 credits of BIOB 494 can be applied toward the 18 elective credits.