

Cell Biology and Neuroscience Major

Biomedical Sciences Option

2010-2012 Catalog

Freshman Year		F	S
BIOH 185	Integrative Physiology	4	
CHMY 141	College Chemistry I	4	
STAT 216	Introduction to Statistics	3	
CLS 101 or WRIT 101	Knowledge & Community/College Writing I	3	
Univ. Core & Electives		0-3	
BIOB 256	Intro Biol: Cells to Organisms		4
CHMY 143	College Chemistry II		4
M 161	Survey of Calculus		4
WRIT 101 or CLS 101	College Writing I/Knowledge & Community		3
Univ. Core or Electives			0-3
		14	15
Sophomore Year		F	S
BIOB 260	Cellular and Molecular Biology	4	
CHMY 321	Organic Chemistry I	4	
PHSX 205	College Physics I	4	
Univ. Core or Electives		3	
BIOB 258 or BIOB 420 (take sp of JR yr)	Intro Biol: Organisms to Populations		4
PHSX 207	College Physics II		4
CHMY 323	Organic Chemistry II		4
Univ. Core or Electives			3
		15	15
Junior Year		F	S
BIOH 320	Biomedical Genetics	3	
BCH 380	Biochemistry	5	
Univ. Core or Electives		7	
BIOB 425	Adv. Cell & Molecular Biology		3
WRIT 201 or WRIT 221	College Writing II or Technical Writing		3
Univ. Core or Electives			9
		15	15
Senior Year		F	S
BIOB 499 (or see advisor for other option)	Senior Thesis/Capstone		2
Univ. Core or Electives		15	13
		15	15

Additional Requirements

*A minimum of 24 additional elective credits of courses in the life sciences must be completed. Of these 24 credits, at least 18 must be upper division; no more than 6 credits of 490; no more than 2 credits of BIOL 470 and no more than 2 credits of BIOB 494 can be applied toward these 24 elective credits.