

SAMPLE CURRICULUM FOR A BS IN NEUROSCIENCE AND BEHAVIOR TO FULFILL ALL MEDICAL SCHOOL PREREQUISITES

<i>First Year</i>			
<u>Fall Semester</u>		<u>Spring Semester</u>	
Calculus A	4	Calculus B	4
General Chemistry I & Lab	4	Organic Chemistry I & Lab	4
Biology I & Lab ^{*4}	4	Biology II & Lab [†] (Foundational Major Elective)	4
Writing & Rhetoric	3	University Seminar ^{*1}	3
University requirement in Theology, Philosophy, History or Literature ^{*1}	3	Introductory Psychology (Social Science ^{*2})	3
Moreau First Year	<u>1</u>	Moreau First Year	<u>1</u>
	19		19
<i>Sophomore Year</i>			
<u>Fall Semester</u>		<u>Spring Semester</u>	
Remaining University requirement in Theology, Philosophy, History or Literature ^{*1}	3	Neuroscience and Behavior & Lab	4
Organic Chemistry II & Lab	4	General Chemistry II & Lab	4
Psychology Major Elective	3	Psychology Major Elective	3
Free Elective	3	Cell Bio (Foundational Major Elective)	-3
Genetics (Foundational Major Elective)	<u>3-4</u>	Free Elective	<u>3</u>
	17-18		17
<i>Junior Year</i>			
<u>Fall Semester – ABROAD</u>		<u>Spring Semester</u>	
Physics I & Lab	4	Physics II & Lab	4
Remaining University requirement in Theology, Philosophy, History or Literature	3	Biostatistics	4
Human Physiology	3	Biochemistry (Free Elective)	3
(Biological Sciences Major Elective)	3	Additional Major Elective ^{*3}	-3
Remaining University requirement in Theology, Philosophy, History or Literature	3	Preparing for the Health Professions	<u>1</u>
Free Elective	<u>3</u>		15
	16		
<i>Senior Year</i>			
<u>Fall Semester</u>		<u>Spring Semester</u>	
Physiology Lab	1	Additional Major Elective ^{*3}	-3
Biological Sciences Major Elective	3	Biological Sciences Major Elective	3
Remaining University requirement in Theology, Philosophy, History or Literature ^{*1}	3	Psychology Major Elective	3
Additional Major Elective ^{*3}	3	Free Elective	3
Additional Major Elective ^{*3}	3	Free Elective	<u>3</u>
Free Elective	<u>3</u>		15
	16		

^{*1} University Seminar in Theology, Philosophy, History or Literature. This fulfills both the University Seminar requirement and the requirement for the particular area of study.

^{*2} Introductory Psychology fulfills the University Social Science requirement

^{*3} Up to six credits of undergraduate research can be applied toward the Additional Elective requirements. Credits must be earned with an approved faculty mentor. Beginning sophomore year, this curriculum allows for incorporation of 1-2 research credits/semester.

^{*4} The Introductory Biology sequence may be taken during the First or Second Year.

This curriculum assumes placement out of the foreign language requirement. If additional language study is needed to fulfill the language requirement, the elective slots could be used. If more language study is desired for study abroad, you might consider summer language study grants or the use of additional free electives.