					ry and Biochemistry De			t	
B.S. Chemistry with Biochemistry and Neuroscience Concentrations Study Plan First Year									
Fall Semester	Credits	Major	Core	Other	Spring Semester	Credits	Major	Core	/Othe
CH1410 General Chemistry I*	4	X			CH1420General Chemistry II*	4	Х		
CH1430 General Chemistry Lab I*	1	Х			CH1440 General Chemistry Lab II*	1	Х		
MT1350 Calculus / Analytic Geometry I	4	X			MT1360 Calculus / Analytic Geometry II	4	Х		
EN1250 Seminar on Academic Writing	3		Х		COMM1251 Speech Communications	3		Х	
BL1500 Principles of Biology I	3	X		Х	BL1600 Principles of Biology II	3	х		Х
BL1505 Principles of Biology Lab I	1	Х		Х	BL1605 Principles of Biology Lab II	1	Х		Х
Total Credit Hours	16				Total Credit Hours	16			
					nd Year	_		_	
Fall Semester	Credits	Major	Core	Other	Spring Semester	Credits	Major	Core	/Othe
CH2210 Organic Chemistry I	3	X		Х	CH2220 Organic Chemistry II	3	Х		
CH2230 Organic Chemistry Lab I	1	X		Х	CH2240 Organic Chemistry Lab II	1	Х		
PH1250 General Physics I	3	X			CH2610 Analytical Chemistry	3	Х		
PH1251 General Physics Lab I	1	X			CH2630 Analytical Chemistry Lab (QA)	1	Х	X	
Humanities Course	3		X		PH1260 General Physics II	3	Х		
Social Sciences Course	3		X		PH1261 General Physics Lab II	1	Х		
Creative and Performing Arts (CAPA)	1-3		X		PS1000 Intro to Psych (ISJ)	3		X	Х
Total Credit Hours	15-17				Total Credit Hours	15			
				1	d Year	_		_	
Fall Semester	Credits	Major	Core	Other	Spring Semester	Credits	Major	Core	/Othe
CH3630 Physical Chemistry I	3	X			CH4360 Biochemistry II	3	Х		
CH3670 Physical Chemistry I Lab	2	X			CH4780 Chemistry Seminar	0	Х		
CH4350 Biochemistry I	3	Х			Engaging the Global Community (EGC)	3		X	
CH4370 Biochemistry Laboratory	1	Х			BL2130 Genetics	3			Х
BL3600 Human Physiology**	4	X		Х	Language Requirement	3		X	
BL3605 Human Physiology Lab**	0	Х		Х	TRS Course	3		X	
Language Requirement	3		X						
Total Credit Hours	16			<b>F</b> aur	Total Credit Hours	15			
					th Year				10.1
Fall Semester	Credits	Major	Core	Other	Spring Semester	Credits		Core	/Othe
CH Elective***	3	X			CH Elective***	3	X		
Philosoph. Knowled. and Reality	3		X		Linked Pair of Courses	6		Х	
PS4895 Adv. Res. Topics in Neurosci.	3			X	Philosophy Values/Society (PLVS)	3		X	
TRS Course	3		X		PS4260 Psychopharmacology	3	Х		Х
PS3260 Psychobiology	3			X					
Total Cradit Hours	15				Total Cradit Hours	15			
Total Credit Hours			ofoooio		Total Credit Hours	15			
If you are planning to attend graduate school or a health professions program, take the GRE or MCAT in summer between years 3 and 4 and									
begin submitting applications this fall.				, and					
Total CH Credit	Hours R	equire	d: 42	Tota	I Credit Hours Required to Gradua	te: 120			
<u>Notes:</u>									
* Well prepared students may substitute	the CH14	1-144 se	quence	e with CH	1151/153 - Chemical Principles and Lab in th	e Fall Se	mester		
** Three CH/BL electives are required, w 4590, 4650, 4700, 4710 and PS4260 and				ves taker	n. Acceptable BL/PS electives are: BL3010,	3020, 31	00-310	)5, 41	00,
***One of the CH electives should meet t CH4410/4430, CH399, or CH3994 (with a					and Oral Presentation (CAP, AW,OP) require should be taken in the senior year.	ments in	the ma	ajor:	
*Please consult your academic advisor to									