Bachelor of Science – NEUROSCIENCE College of Arts and Sciences, Case Western Reserve University

Effective Fall, 2020

Course	hrs	gr	comments		
				Chemistry	
Arts & Humanities (6-8 cro	edits)			CHEM 105	
				CHEM 106	
				CHEM 113	
				CHEM 223 (or 323)	
Natural Sciences and Math (6-8 credits)			CHEM 224 (or 324)		
				CHEM 233	
				Physics	
Social Sciences (6 credits)				PHYS 115	
				PHYS 116	
				Programming (choose 1)	
antitative Reasoning (3-	4 credits)			ENGR 131 OR	
				BIOL 321	
				Cell/Molecular Elective (choose	1)
	:	1.4 >		BIOL 326 OR BIOL 325 OR	<u>, 1)</u>
lobal and Cultural Divers	<u>sity (3-4 cr</u>	edits)		BIOC 307/CHEM 328	
				BIOC 507/CHEW 528	
unical Education (2 falls		4 h a lf		Ecology/Evolution elective (cho	ose one
ysical Education (2 full s	semesters,	4 half-	-semester courses)	Ecology/Evolution elective (cho BIOL 225 OR BIOL 351	ose one
hysical Education (2 full s	semesters,	4 half-	-semester courses)	Ecology/Evolution elective (cho BIOL 225 OR BIOL 351	ose one
hysical Education (2 full s	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351	ose one
	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs)	
AGES requirements	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit)	
AGES requirements rst Year Seminar	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201	
AGES requirements Irst Year Seminar niversity Seminar (1)	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit)	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2)	semesters,	4 half	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch	
GES requirements st Year Seminar iversity Seminar (1) iversity Seminar (2) partmental Seminar pstone	semesters,	4 half	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar upstone	semesters,	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cl BIOL 373 BIOL 322	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar apstone riting Portfolio		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cl BIOL 373 BIOL 322 BIOL 358	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar opstone riting Portfolio ology Core Courses (required)		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373 BIOL 322 BIOL 358 BIOL 374	
GES requirements st Year Seminar iversity Seminar (1) iversity Seminar (2) partmental Seminar pstone iting Portfolio blogy Core Courses (req DL 214		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cf BIOL 373 BIOL 322 BIOL 358 BIOL 374 NEUR 301	
GES requirements st Year Seminar iversity Seminar (1) iversity Seminar (2) partmental Seminar pstone iting Portfolio Dogy Core Courses (req DL 214 DL 214L		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373 BIOL 322 BIOL 358 BIOL 374	
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar opstone riting Portfolio ology Core Courses (required) OL 214 OL 214L OL 215		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cl BIOL 373 BIOL 322 BIOL 358 BIOL 374 NEUR 301 PSCL 350	1000se 2)
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar opstone riting Portfolio ology Core Courses (required) OL 214 OL 214 OL 215 OL 215L		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cl BIOL 373 BIOL 322 BIOL 358 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim	1000se 2)
GES requirements st Year Seminar iversity Seminar (1) iversity Seminar (2) partmental Seminar pstone riting Portfolio ology Core Courses (required) OL 214 OL 214 OL 215 OL 215 OL 216		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cl BIOL 373 BIOL 373 BIOL 322 BIOL 358 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim taken from a non-Biology Depa	1000se 2)
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar opstone riting Portfolio ology Core Courses (required) OL 214 OL 214 OL 215 OL 215 OL 216		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cf BIOL 373 BIOL 373 BIOL 322 BIOL 358 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim taken from a non-Biology Depa following:	1000se 2)
hysical Education (2 full s AGES requirements irst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar apstone Vriting Portfolio iology Core Courses (required IOL 214 IOL 214 IOL 215 IOL 215 IOL 215L IOL 216 IOL 216L		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373 BIOL 322 BIOL 358 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim taken from a non-Biology Depa following: BIOL 302, 378, 385	1000se 2)
AGES requirements irst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar apstone Vriting Portfolio iology Core Courses (required) IOL 214 IOL 214 IOL 214 IOL 215 IOL 215 IOL 215 IOL 216 IOL 216		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373 BIOL 322 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim taken from a non-Biology Depa following: BIOL 302, 378, 385 PSCL 101, 352, 379	1000se 2)
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar apstone 'riting Portfolio iology Core Courses (required) IOL 214 IOL 214 IOL 214L IOL 215 IOL 215L IOL 215L IOL 216L IOL 216L IATH 125 (or 121)		4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (cf BIOL 373 BIOL 322 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minimination from a non-Biology Departicle following: BIOL 302, 378, 385 PSCL 101, 352, 379 COGS 102, 201, 215, 305	1000se 2)
AGES requirements rst Year Seminar niversity Seminar (1) niversity Seminar (2) epartmental Seminar apstone riting Portfolio fology Core Courses (required) fol 214 fol 214 fol 214 fol 215 fol 215 fol 216 fol 216 fathematics (required)	uired)	4 half-	-semester courses)	BIOL 225 OR BIOL 351 Neuroscience (Required 7 hrs) NEUR 166 (1 credit) NEUR 201 NEUR 202 Neurobiology Core Courses (ch BIOL 373 BIOL 322 BIOL 358 BIOL 374 NEUR 301 PSCL 350 Neuroscience Electives (minim taken from a non-Biology Depa following: BIOL 302, 378, 385 PSCL 101, 352, 379	1000se 2)

Minimum 18 credits at the 300 level in the major.

 BIOL 373
 BIOL 322

 BIOL 358
 BIOL 374

 BIOL 374
 BIOL 374

 NEUR 301
 BIOL 374

 PSCL 350
 BIOL 374

 Neuroscience Electives (minimum 2 courses, at least 1 course taken from a non-Biology Department). Choose from the following:

 BIOL 302, 378, 385
 BIOL 302, 378, 385

 PSCL 101, 352, 379
 COGS 102, 201, 215, 305

 COSI 305, 357
 PHIL 311, 366

 MATH 333
 BIOL/NEUR 388 and/or 390 required)

 BIOL/NEUR 388 and/or 390
 BIOL/NEUR 388 and/or 390

Name _____

Date _____

Student #

Advisor