

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

Effective Fall, 2020

Name _____
 Student # _____
 Date _____
 Advisor _____

Course	hrs	gr	comments
Arts & Humanities (6-8 credits)			
Natural Sciences and Math (6-8 credits)			
Social Sciences (6 credits)			
Quantitative Reasoning (3-4 credits)			
Global and Cultural Diversity (3-4 credits)			
Physical Education (2 full semesters, 4 half-semester courses)			
SAGES requirements			
First Year Seminar			
University Seminar (1)			
University Seminar (2)			
Departmental Seminar			
Capstone			
Writing Portfolio			
Biology Core Courses (required)			
BIOL 214			
BIOL 214L			
BIOL 215			
BIOL 215L			
BIOL 216			
BIOL 216L			
Mathematics (required)			
MATH 125 (or 121)			
MATH 126 (or 122)			
STAT 312 OR 312R OR 313			

Chemistry			
CHEM 105			
CHEM 106			
CHEM 113			
CHEM 223 (or 323)			
CHEM 224 (or 324)			
CHEM 233			
Physics			
PHYS 115			
PHYS 116			
Programming (choose 1)			
ENGR 131 OR			
BIOL 321			
Cell/Molecular Elective (choose 1)			
BIOL 326 OR BIOL 325 OR			
BIOC 307/CHEM 328			
Ecology/Evolution elective (choose one)			
BIOL 225 OR BIOL 351			
Neuroscience (Required 7 hrs)			
NEUR 166 (1 credit)			
NEUR 201			
NEUR 202			
Neurobiology Core Courses (choose 2)			
BIOL 373			
BIOL 322			
BIOL 358			
BIOL 374			
NEUR 301			
PSCL 350			
Neuroscience Electives (minimum 2 courses, at least 1 course taken from a non-Biology Department). Choose from the following:			
BIOL 302, 378, 385			
PSCL 101, 352, 379			
COGS 102, 201, 215, 305			
COSI 305, 357			
PHIL 311, 366			
MATH 333			
Independent Neuroscience Research (3 hours 388S required, minimum 3 hours 388 and/or 390 required)			
BIOL/NEUR 388S (capstone)			
BIOL/NEUR 388 and/or 390			

Minimum 18 credits at the 300 level in the major.