# 2020-2021 Neuroscience Major Checklist

All courses counted towards the Neuroscience major requirements must be taken for a letter grade and passed with a grade of C or better.

## Foundation courses in natural sciences

General Biology Sequence: BI 211 _____ BI 212 _____ and BI 214 _____
   OR Biology Honors Sequence: BI 281H _____ BI 282H _____ BI 283H _____

General Chemistry Sequence: CH 221 _____ CH 222 _____ and CH 223 _____
   OR Chemistry Honors Sequence: CH 224H _____ CH 225H _____ CH 226H _____

Introductory Physics Sequence: PHYS 201 _____ PHYS 202 _____ PHYS 203 _____
   OR Foundations of Physics Sequence: PHYS 251 _____ PHYS 252 _____ PHYS 253 _____

General Chemistry Laboratory: CH 227 _____ CH 228 _____ CH 229 _____
   OR General Physics Laboratory: PHYS 204 _____ PHYS 205 _____ PHYS 206 _____

Mind & Brain: PSY 201 _____

## Math and statistics courses

MATH 246 Calculus for the Biological Sciences I _____ (MATH 251 may be substituted)

PSY 302 Statistical Methods in Psychology _____ (MATH 425 or ANTH 470 may be substituted)

## Life science fundamentals

HPHY 211 Medical Terminology _____ HPHY 212 Scientific Investigations in Physiology _____

## Core neuroscience sequence (recommended, but not required, to be taken in this order)

HPHY 321 Human Anatomy I _____ AND HPHY 322 Human Physiology I _____

PSY 304 Biopsychology _____ BI 360 Neurobiology _____

## Upper-division elective courses (16 required credits with at least 12 credits from 400-level courses; at least one course from each of the three areas)

Molecular/Cellular/Developmental _____ Systems _____ Cognitive _____

Elective _____ (at least 3 courses at 400-level _____)

## Advanced skills courses and/or research experience (8 required credits)

_______ cr: _____ _______ cr: _____ _______ cr: _____ _______ cr: _____