Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2020-21: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME: **B.S. NEUROSCIENCE - NEUB (Biology)** (CIP 26.1501) **DATE:**

English Composition Placement:
ACT ENGL score 21 or above
SATR-EBRW score 500 or above
Register for ENGL-T122 _____

ACT ENGL score 20 or below
SATR-EBRW score 499 or below
Register for ENGL-A100 _____

Mathematics Placement:
See current Bulletin for Criteria, and see Academic Progress Report/U-Achieve for LUPL scores.

_____ Register MathA257/Calculus I
_____ Register MathA118/Pre-Calculus
_____ Register MathA110 & A111

LOYOLA CORE - 41 Credits

FOUNDATION COURSES Crs/Grade

BIOL T121, BioInquiry_____ 3_____
ENGL T122: Critical Reading & Writing_____ 3_____
MATH A257: Calculus I_____ 4_____
SCIE I: Investigating Nature (satisfied in Major) _____ 0_____
10

KNOWLEDGE-VALUE COURSES

Creative Arts and Cultures_____ 3_____
Hist I _____ 3_____
Hist II _____ 3_____
Phil I: Reasoning_____ 3_____
Phil II: Knowledge & Morality_____ 3_____
Rels I: Christian Traditions_____ 3_____
Rels II: World Religions_____ 3_____
Scie II: PhysA115/A112_____ 3/1____
Social Science_____ 3_____
Writing About Literature_____ 3_____
31

LANGUAGE (Computer Science)

COSC A211_____ 3_____
COSC A212_____ 3_____
6

Use your Academic Progress Report to keep this document updated: Single-Sign-On > U-Achieve > Run Audit

Loyola Core reqs are governed by the catalog year that a student is admitted. See Bulletin.

GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola Cumulative for graduation.

MAJOR.....49 Crs

Intro Psychology
A100 _____3____

Fundamentals of Neuroscience
NEUR A###_____3____

Abnormal or Developmental Psychology
PSYCA230 or PSYCA235
_____3____

Intro Research
PSYC A301*_____3____

Statistics & Methods
PSYC A303**_____3____

Cells & Heredity
BIOL A106 (Lec)_____3____
BIOL A107 (Lab)_____1____

Physics for Life Sciences
PHYS A116 (Lec)_____3____
PHYS A113 (Lab)_____1____

General Chemistry I
CHEM A105 (Lec)_____3____
CHEM A107 (Lab)_____1____

CAPSTONE: Research in Neuroscience
NEUR A###_____3____

Biology Concentration…….…….....19 crs

Biology of Organisms lec + lab
BIOL A108/109_____3+1____

Anatomy & Physiology I lec + lab
BIOL A314/315_____3+1____

Cell Biology lec + lab
BIOL A360/361_____3+1____

Molecular Genetics lec + lab
BIOL A326/327_____3+1____

Animal Behavior
BIOL A336_____3_____

*A301 prereq: 9 crs. in PSYC courses & 1 college-level math

**A303 prereq: A301 & 1 college-level math

ADJUNCT.....14 Crs

Choose 4 from List***

_____3+1_____
_____3+1_____
_____3_____
_____3_____

GENERAL ELECTIVES.....10 Crs

_____3____
_____3____
_____3____
_____1____

*****Adjunct Options**

General Chenistry II with lab
CHEM A106 & 108

Cellular Biophysics
PHYS A436:

Behavioral Neuro with lab
PSYC A315 & 316

Cognitive Neuro with lab
PSYC A422 & 423

Sensation & Perception with lab
PSYC A416 & 417

Extra lab credits beyond Adjunct reqs will count in G.E. credits.

GE Pre-health options

Organic Chem I: ChemA300
Organic Chem I lab: ChemA310
Organic Chem II: ChemA301
Organic Chem II lab: ChemA311
Biochemistry I: BiolA405
Microbiology: BiolA300
Microbiology lab: BiolA301

Capstone may be Ind. Study, Directed Readings, or Internship

See your Academic Progress Report for your reqs, options, & progress. See the Bulletin for course-descriptions. See LORA for course availability by Semester.

Loyola Core.....41 crs
Language.....6 crs
Major.....49 crs
Adjuncts.....14 crs
General Elective.....10 crs
Total.....120 crs

Courses used in the major cannot also be used to satisfy requirements for a minor: Non-major courses WILL be applied to minors as appropriate.