

TO: College of Arts and Sciences Curriculum Committee

FROM: Paula Kleintjes Neff, Chair of Biology



DATE: January 19, 2021

RE: Program Change

We request implementation of the following program change with the next possible *Catalog*.

Name of Program: Neuroscience Minor

Program Code: 081-401

Date of Department/Program Approval: 12/16/2020

From Current Catalog Web Page <https://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/neuroscience-liberal-arts/>)

To: Please change the following text in the minor. One course has been deleted from the Foundation Courses and moved to the Electives category. Twelve other courses have been added to the Elective courses.

This was done with a cut and paste from online catalog <https://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/neuroscience-liberal-arts/> and then track changes.

Why: Addition of new and/or revised courses to the minor.

Twenty-four semester credits required, including:

Foundation Courses:

IDIS 125 Brain: Introduction to Neuroscience

BIOL 221 Foundations of Biology¹

~~BIOL 319 Animal Form and Function~~

A minimum of three core courses chosen from:

BIOL 350	Systems Neuroscience
BIOL 351	Systems Neuroscience Lab
BIOL 358	Cellular and Developmental Neuroscience
PSYC 374	Cognitive Neuroscience
PSYC 362	Clinical Neuroscience
PSYC 387	Behavioral Neuroscience

Electives:

<u>BIOL 305</u>	<u>Molecular and Cell Biology</u>
<u>BIOL 319</u>	<u>Animal Form and Function</u>
<u>BIOL 323</u>	<u>Genetics</u>
<u>BIOL 324</u>	<u>Genetics Inquiry</u>
BIOL 359	Biology of Stress
BIOL 365	Animal Behavior
BIOL 380	Endocrinology
<u>BIOL 405</u>	<u>Advanced Cell and Molecular Lab</u>
<u>BIOL 409</u>	<u>Molecular Genetics</u>
<u>BIOL 460</u>	<u>Developmental Biology</u>
CSD 440	Neurological Aspects of Communication & Cognition
PHIL 343	Philosophy of Mind
PSYC 363	Psychology of Addictions
<u>PSYC 366</u>	<u>Statistical Methods in Psychology II</u>
<u>PSYC 372</u>	<u>Individual Differences and Behavior Genetics</u>
PSYC 376	Psychology of Perception
PSYC 377	Psychopharmacology
PSYC 379	Cognitive Psychology

Up to three credits of approved neuroscience-related research or academic experience from the following courses may be applied to the minor with the consent of the advisor:

<u>BIOL 296</u>	<u>Student Academic Experience</u>
BIOL 399	Independent Study - Juniors
<u>BIOL 496</u>	<u>Student Academic Apprenticeship in Biology</u>
BIOL 497	Senior Research Presentation
BIOL 499	Independent Study – Seniors
<u>PSYC 396</u>	<u>Research Apprentice in Psychology</u>
<u>PSYC 397</u>	<u>Student Academic Apprenticeship in Psychology</u>
PSYC 399	Independent Study- Juniors
PSYC 499	Independent Study – Seniors

¹ Biology majors may not count [BIOL 221](#) toward this minor.

Note: A maximum of 12 credits from the minor may count toward the Biology or Psychology majors.

c: David Jewett, Psychology Department Neuroscience programs coordinator