TO: College of Arts and Sciences Curriculum Committee

FROM: Doug Matthews, Chair
Department of Psychology

DATE: December 10, 2019

RE: Program Change

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

Name of Program: Comprehensive Major: Neuroscience, Liberal Arts

Program Code: 441-001

Date of Department/Program Approval: 09 December 2019

From Current Catalog Web Page:
https://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/neuroscience-comprehensive-major-ba-bs/

To: See attached.

Why: Addition of new and/or revised courses to the major. We have added additional neuroscience core courses. 1) BIOL 358: Cellular and Developmental Neuroscience is an addition to the major. 2) We have split PSYC 375: Clinical and Behavioral Neuroscience into two courses: PSYC 362: Clinical Neuroscience and PSYC 387: Behavioral Neuroscience to both represent neuroscience more broadly and add more flexibility for students in the program. We have also added additional elective courses including the new Psychology of Addictions course.
Sixty semester credits, including

**Core Courses:**
BIOL 221 Foundations of Biology I
BIOL 222 Foundations of Biology II
BIOL 223 Foundations of Biological Inquiry
CHEM 115 Chemical Principles
IDIS 125 Brain: Introduction to Neuroscience
PHIL 343 Philosophy of Mind
MATH 246 Elementary Statistics
MATH 441 Linear Regression Analysis, with Time Series
MATH 443 Experimental Design and Analysis
MATH 447 Nonparametric Statistics

A minimum of four neuroscience core courses chosen from:

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

**Elective Courses:**

BIOL 319 Animal Form and Function
BIOL 323 Genetics
BIOL 359 Biology of Stress
CHEM 325 Organic Chemistry I with Laboratory
CHEM 326 Organic Chemistry II with Laboratory
CHEM 352 Fundamentals of Biochemistry
CSD 440  Neurological Aspects of Communication & Cognition  
MUSI 491  Special Topics (when offered as Neurology of Music)  
PHYS 211  General Physics  
PHYS 212  General Physics  
PSYC 363  Psychology of Addictions  
PSYC 366  Statistical Methods in Psychology II  
PSYC 372  Individual Differences and Behavior Genetics  
PSYC 377  Psychopharmacology  
PSYC 379  Cognitive Psychology  
PSYC 396  Research Apprentice in Psychology  

c: David Jewett, Director of Neuroscience Studies in Psychology