FLORIDA ATLANTIC UNIVERSITY

NEW COURSE PROPOSAL
Graduate Programs

UGPC Approval _____
UFS Approval _____
SCNS Submittal _____
Confirmed _____
Banner _____
Catalog _____

Department Neuroscience PhD Program

College Science

*(To obtain a course number, contact **erudolph@fau.edu**)*

Prefix PSB

Number 7919

(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)
Lab Code

Type of Course
Research

Course Title
Advanced Research in Neuroscience

Credits *(Review Provost Memorandum)*
1-9

Effective Date *(TERM & YEAR)*
Spring 2023

Grading *(Select One Option)*
Regular
X Sat/UnSat

Course Description *(Syllabus must be attached; see Guidelines)*
Focused, relevant research in the student's course of study in the Ph.D. program in Neuroscience. This course requires oversight by the student's dissertation advisor, who can grade the student's performance at the end of the semester. Advanced research work forms the basis for the dissertation proposal.

Prerequisites : Completion of 18 required course credits in year 1 of the Neuroscience PhD program and a GPA of at least 3.0.

Prerequisites, Corequisites and Registration Controls are enforced for all sections of course.

Academic Service Learning (ASL) course
Academic Service Learning statement must be indicated in syllabus and approval attached to this form.

Corequisites

Registration Controls *(For example, Major, College, Level)*
Neuroscience PhD students; program level

Minimum qualifications needed to teach course:
Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.)

List textbook information in syllabus or here
NA

Faculty Contact/Email/Phone
Kate Guthrie; kguthrie@health.fau.edu
561-297-0457

List/Attach comments from departments affected by new course
See attached

Approved by	***Date:***
Department Chair/Program Director	***Februray, 28, 2022***
College Curriculum Chair	3/11/2022
College Dean	03-14-22
UGPC Chair	
UGC Chair	
Graduate College Dean UFS ~~President~~	
Provost	

Email this form and syllabus to UGPC@fau.edu 10 days before the UGPC meeting.

Kathleen Guthrie February 24, 2022 at 3:44 PM

New Dissertation course for Neuro PhD

To: Sarah Milton

Hi Sarah,
I hope you are well and looking forward to some time off this summer when the semester ends.

With the approval of the PhD in Neuroscience, we've created course codes for Advanced Research and Dissertation for the program. These are distinct from all other Advanced Research and Dissertation codes used at FAU, according to the Registrar's office, although final course numbers will need to be approved by the Statewide Course Numbering System.

Please look over the descriptions to determine if these conflict with Biological Sciences Advanced Research and Dissertations courses. If all looks good to you, an email back to me stating this should be all that is needed.

Many thanks,

Kate

NewCourseAdvancedR...rch.pdf

NewCourseDissertation.pdf

Sarah Milton February 25, 2022 at 10:39 AM

Re: New Dissertation course for Neuro PhD

To: Kathleen Guthrie

Hi Kate - Since these courses will be taken only by students in your program, there is no conflict with IB courses already in existence. We have no objection.

Regards,
Sarah

Dr. Sarah L. Milton
Professor and Chair
Department of Biological Sciences
FAU

Course Title: Advanced Research in Neuroscience (PSB 7919)

Credits: 1-9

Course Dates: Fall, Spring, and Summer term

Course Times: TBD, but as required.

Course Location: Faculty mentor's laboratory

Instructor: Mentor

Course Description: The design and performance of research required for advancement to doctoral candidacy for the Ph.D. in Neuroscience. Successful advancement is based on a student's written dissertation proposal and public presentation, which are evaluated by the mentor and others members of the student's Advisory/Dissertation Committee. Advancement typically occurs at the end of the second year or early in the third year of the Ph.D. program.

Additional Course Information: Students will consult with their faculty mentor to design and perform advanced research work that will form the basis of the dissertation proposal. The proposal is written in the style of a predoctoral fellowship application, similar to the Research Plan section of NIH, NSF and DOD (or other appropriate funding agencies) training grants. Copies of the proposal are provided to the members of the Advisory Committee.

Prerequisite: Satisfactory completion of the 18 required course credits in year 1 of the Neuroscience Ph.D. program and a GPA of at least 3.0, which must be maintained.

Instructional Method: Training in and performance of research, under the supervision of the faculty mentor.

Course Objectives/Learning outcomes: The experience provided by pursing advanced research work will enable students to:

Gain necessary technical skills
Design experiments appropriately
Develop testable hypotheses
Collect and analyze preliminary data
Interpret experimental results
Define a dissertation research project
Prepare a written research proposal for advancement
Deliver a public research presentation that includes preliminary data and future research aims

Course evaluations method/Grading: Satisfactory or Unsatisfactory as evaluated by the faculty mentor each semester. Qualifying for advancement requires a satisfactory grade. If the dissertation proposal is assessed as unsatisfactory at the time of advancement, the members of the Advisory Committee may recommend postponing advancement for a stipulated period of

time to allow revisions or corrections. If the presentation is deemed unsatisfactory, the mentor and Advisory Committee may allow another attempt, or dismiss the candidate from the program.

Recommended Readings: Publications relevant to the student's area of research, which may be assigned by the mentor.

Counseling and Psychological Services (CAPS) Center
Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to http://www.fau.edu/counseling/

Disability Policy
In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity
Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high-quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001.