
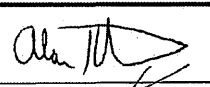
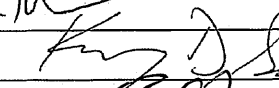



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|---|--|---|--|
|  FLORIDA ATLANTIC UNIVERSITY | NEW/CHANGE PROGRAM REQUEST Undergraduate Programs | | UUPC Approval <u>12/01/25</u> UFS Approval _____ Banner _____ Catalog _____ |
| | Department Psychology College Science | | |
| Program Name BS in Neuroscience and Behavior | <input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program* | Effective Date (TERM & YEAR) Summer 2026 | |
| Please explain the requested change(s) and offer rationale below or on an attachment. Add Neurobiology of Mental Illness to the Neuroscience and Behavior major elective options. This course involves advanced coursework related to Psychology and Neuroscience and will be useful to Neuroscience and Behavior majors who are interested in mental illness. | | | |
| *All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes. | | | |
| Faculty Contact/Email/Phone Simon Pieraut/spieraut@fau.edu/561-799-8205 | Consult and list departments that may be affected by the change(s) and attach documentation Comments from Chair of Biological Sciences are attached. | | |
| Approved by Department Chair <u></u> College Curriculum Chair <u></u> College Dean <u></u> UUPC Chair <u>Korey Sorge</u> Undergraduate Studies Dean <u>Dan Meeroff</u> UFS President _____ Provost _____ | | Date <u>8/15/2025</u> <u>11/19/25</u> <u>11/20/25</u> <u>12/01/25</u> <u>12/01/25</u> | |

THE [FAU MAX PLANCK HONORS PROGRAM \(MPHP\)](#)

Eligible College of Science majors in Biology, Psychology, and Neuroscience and Behavior may apply to participate in this Jupiter-specific honors program for undergraduates. For students pursuing the MPHP, 3 to 6 of the elective credits in their individual program must be applied toward the requirements of the MPHP. These include successful completion of a Capstone experience (1 to 3 credits) and three different MPHP Enrichment courses (1 credit each) from those listed below. A minimum grade of "B" must be achieved in graded courses ("S" in non-graded courses) among these exclusive MPHP course options for the credits to count toward the requirements of the MPHP. Visit the [MPHP website](#) to apply.

PSYCHOLOGY UNDERGRADUATE MINOR

(Minimum of 18 credits required)

A minor in Psychology is available for students who complete a minimum of 18 credits in psychology, including the following required courses. Of the 18 credits, at least 15 must be earned from FAU. A grade of "C-" or better (unless otherwise noted in the course description) is required in all courses taken as part of the requirements for a minor in Psychology.

| Course Title | Course Number | Credits |
|---|---------------|---------|
| Psychology of Human Development | DEP 3053 | 3 |
| Cognition | EXP 3505 | 3 |
| Biological Bases of Behavior 1 | PSB 3002 | 3 |
| General Psychology | PSY 1012 | 3 |
| Experimental Design and Statistical Inference | PSY 3234 | 3 |
| Social Psychology | SOP 3004 | 3 |

NEUROSCIENCE AND BEHAVIOR BACHELOR OF SCIENCE (B.S.)

(Minimum of 120 credits required)

The B.S. degree in Neuroscience and Behavior is administered jointly by the Department of Psychology and the Department of Biological Sciences. The Neuroscience and Behavior program provides undergraduate preparation for students interested in pursuing graduate degrees in behavioral neuroscience, neurobiology and/or behavioral biology, or in pursuing professional degrees in medicine or veterinary medicine. Qualified students are strongly encouraged to become involved in neuroscience and behavior research projects (normally via a Directed Independent Study, Directed Independent Research or special research course). An optional Honors Thesis, PSY 4970, is available to those students who meet the academic requirements. A grade of "C-" or better (unless otherwise noted in the course description) is required in all psychology, biology and cognate courses taken as part of the requirements for a B.S. with major in Neuroscience and Behavior. However, students must maintain a "C" average in departmental major courses.

Prerequisite Coursework for Transfer Students

Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the General Education Curriculum) and requirements for the college and major. Lower-division requirements may be completed through the A.A. degree from any Florida public college, university or community college or through equivalent coursework at another regionally accredited institution. Before transferring and to ensure timely progress toward the baccalaureate degree, students must also complete the prerequisite courses for their major as outlined in the [Transition Guides](#).

All courses not approved by the Florida Statewide Course Numbering System that will be used to satisfy requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

In addition to the University and College requirements, students are expected to complete all of the following courses. A minimum of 24 of the upper-division credits in the B.S. Neuroscience and Behavior program must be taken at Florida Atlantic University.

Core Requirements

| Course Title | Course Number | Credits |
|--|--|---------|
| Biological Principles | BSC 1010 | 3 |
| Biological Principles Lab | BSC 1010L | 1 |
| Biodiversity | BSC 1011 | 3 |
| Biodiversity Lab | BSC 1011L | 1 |
| Comparative Animal Behavior | CBH 4024 | 3 |
| General Chemistry 1 | CHM 2045 | 3 |
| General Chemistry 1 Lab | CHM 2045L | 1 |
| General Chemistry 2 | CHM 2046 | 3 |
| General Chemistry 2 Lab | CHM 2046L | 1 |
| Math through Calculus | MAC 2233, 2311, 2312 or 2313 | 3 |
| Genetics | PCB 3063 | 4 |
| Organic Chemistry 1 and 2 | CHM 2210 and CHM 2211 | 6 |
| General Physics 1 and 2* or College Physics 1 and 2* | PHY 2048 and PHY 2049 or PHY 2053 and PHY 2054 | 8 |
| Organic Chemistry Lab | CHM 2211L | 2 |
| Biochemistry | BCH 3033 | 3 |
| Biological Bases of Behavior | PSB 3002 | 3 |
| General Psychology | PSY 1012 | 3 |
| Research Methods in Psychology | PSY 3213 | 3 |
| Experimental Design and Statistical Inference | PSY 3234 | 3 |
| Intermediate Statistics Lab | STA 3163L | 1 |

* This degree program does not require that students take Physics lab courses. However, students considering medical school should take the lab sequences. The Physics Department may require labs as corequisites for lecture courses.

Elective Requirements

Students are expected to complete a minimum of 12 credits of elective courses. Students are free to choose their elective courses from those listed below.

Behavioral Neuroscience

| Course Title | Course Number | Credits |
|------------------|---------------|---------|
| Cognition | EXP 3505 | 3 |
| Human Perception | EXP 4204 | 3 |

| | | |
|--|-----------|-----|
| Practical Cell Neuroscience | PCB 4843C | 3 |
| Comparative Animal Physiology | PCB 4723 | 3 |
| Comparative Animal Physiology Lab | PCB 4723L | 1 |
| Biological Bases of Behavior II | PSB 4006 | 3 |
| Neuropsychology | PSB 4240 | 3 |
| Human Psychophysiology | PSB 4323 | 3 |
| Psychopharmacology | PSB 4444 | 3 |
| Developmental Psychobiology | PSB 4504 | 3 |
| RI: Neurobiology of Learning and Memory | PSB 4810 | 3 |
| Neuroscience of Sleep | PSB 4842 | 3 |
| Special Topics* | BSC 4930 | 1-3 |
| Special Topics* | PSY 4930 | 1-3 |
| Special Topics in Neuroscience and Behavior* | PSB 4930 | 3 |
| Developmental Neurobiology | PSB 6515 | 3 |
| Principles of Human Neuroanatomy | ZOO 4742 | 3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4915 | 1-3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4917 | 0-3 |
| Neurobiology of Mental Illness | PSB 4072 | 3 |

Cellular Molecular Neuroscience

| Course Title | Course Number | Credits |
|--|---------------|---------|
| Cellular Neuroscience and Disease | PCB 4842 | 3 |
| Practical Cell Neuroscience | PCB 4843C | 3 |
| Human Morphology and Function 1 | PCB 3703 | 3 |
| Human Morphology and Function 1 Lab | PCB 3703L | 1 |
| Human Morphology and Function 2 | PCB 3704 | 3 |
| Human Morphology and Function 2 Lab | PCB 3704L | 1 |
| Cell Biology | PCB 3023 | 3 |
| Comparative Animal Physiology | PCB 4723 | 3 |
| Comparative Animal Physiology Lab | PCB 4723L | 1 |
| RI: Neurobiology of Learning and Memory | PSB 4810 | 3 |
| Special Topics* | BSC 4930 | 1-3 |
| Special Topics* | PSY 4930 | 1-3 |
| Special Topics in Neuroscience and Behavior* | PSB 4930 | 3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4915 | 1-3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4917 | 0-3 |

Ethology/Comparative Psychology

| Course Title | Course Number | Credits |
|--|---------------|---------|
| Psychology of Motivation | EXP 4304 | 3 |
| Marine Biology | OCB 4043 | 2 |
| Marine Biology Field Studies and Lab | OCB 4043L | 2 |
| Principles of Ecology | PCB 4043 | 3 |
| Evolution | PCB 3674 | 3 |
| Comparative Animal Physiology | PCB 4723 | 3 |
| Comparative Animal Physiology Lab | PCB 4723L | 1 |
| Computer Laboratory in Psychobiology | PSB 3002L | 3 |
| Developmental Psychobiology | PSB 4504 | 3 |
| Invertebrate Zoology | ZOO 3205 | 3 |
| Invertebrate Zoology Lab | ZOO 3205L | 2 |
| Ornithology | ZOO 4472 | 2 |
| Ornithology Lab | ZOO 4472L | 2 |
| Vertebrate Structure Development and Evolution | ZOO 4690 | 3 |
| Vertebrate Structure and Development Lab | ZOO 4690L | 2 |
| Special Topics* | BSC 4930 | 1-3 |
| Special Topics* | PSY 4930 | 1-3 |
| Special Topics in Neuroscience and Behavior* | PSB 4930 | 3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4915 | 1-3 |
| Directed Independent Research in Neuroscience and Behavior** | PSB 4917 | 0-3 |

Upper-Division Honors Program in Psychology Sequence***

| Course Title | Course Number | Credits |
|---|---------------|---------|
| Honors Seminar | PSY 4932 | 3 |
| Honors Critical Questions in Psychology | PSY 4935 | 3 |
| Honors Thesis | PSY 4970 | 1-3 |

* Applies to Special Topics courses that are relevant to the neurosciences. Interested students should confirm with the B.S. degree program faculty advisors.

** Maximum of 3 credits of Directed Independent Research may be counted as an elective for the major.

*** Enrollment is limited to students in the Psychology Honors Program.

APPLIED MENTAL HEALTH SERVICES UNDERGRADUATE CERTIFICATE

(Minimum of 17 credits required)



Re: new course proposals

From Sarah Milton <smilton@fau.edu>
Date Thu 7/24/2025 2:54 PM
To Alan Kersten <akersten@fau.edu>

Hi Alan - Biology has no objection to this course being offered by Psychology. It does not have any overlap with our courses.

Best,
Sarah

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

From: Alan Kersten <akersten@fau.edu>
Sent: Wednesday, July 23, 2025 11:19 AM
To: Sarah Milton <smilton@fau.edu>
Cc: Simon Pieraut <spieraut@fau.edu>
Subject: new course proposals

Hi Sarah,
Simon Pieraut has been offering a course titled "Neurobiology of Mental Illness" with a special topics number, with sections for both the Psychology Department and the Honors College. We were hoping to formally propose both versions of the course so that we can get a dedicated course number. Your department is the one that is most likely to be affected by our offering this course (hopefully in a positive way), so I was hoping to get your input on this course that we can include with the new course proposals to the UUPC. I've attached the new course proposal forms (with accompanying syllabi) for the Honors and non-Honors versions of the course for you to review. I don't know what your approval process is like in Biology, so I don't know if this is something you can do over the summer or if you need to wait until the faculty on your undergraduate committee are back under contract, but we were hoping to get these on the agenda for the September 8th UUPC meeting, which has an August 28th deadline for agenda items. Please let me know if this time frame will work for you to get back to us with any comments and hopefully your approval. I'm sure you've done these before, but as I understand it, we just need an email from you stating that you don't have any concerns with this proposal moving forward. Please let me know if this works.

Thanks,
Alan

Alan Kersten
Professor and Chair
Department of Psychology
Florida Atlantic University
Boca Raton, FL 33431