FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Undergraduate Programs

UUPC Approval 10-12-2026
UFS Approval _____
Banner _____
Catalog _____

Department Psychology

College Charles E. Schmidt College of Science

Program Name
BS in Neuroscience and Behavior

☐ **New Program***
☑ **Change Program***

Effective Date
(TERM & YEAR)
Spring 2027

Please explain the requested change(s) and offer rationale below or on an attachment.

We request adding the course, IDS 3763: "Applications of AI in Science", as an elective course for the BS in Neuroscience and Behavior.

This course covers applications of artificial intelligence (AI) across areas of science and is relevant to students majoring in Neuroscience and Behavior.

*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
Michael Maniaci / mmaniaci@fau.edu / 561-297-3305

Consult and list departments that may be affected by the change(s) and attach documentation
N/A

Approved by	*Date*
Department Chair	9/30/2026
College Curriculum Chair	10-1-26
College Dean	10/1/26
UUPC Chair Korey Sorge	10-12-2026
Undergraduate Studies Dean Dan Moeroff	10-12-2026
UFS President	
Provost	

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Catalog Change

Bachelor of Science in Neuroscience and Behavior

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
Applications of AI in Science	IDS 3763	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
Neurobiology of Mental Illness	PSB 4073	3
Directed Independent Research in Neuroscience and Behavior**	PSB 4915	1-3
Directed Independent Research in Neuroscience and Behavior**	PSB 4917	0-3

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