

# FLORIDA ATLANTIC UNIVERSITY™

## Graduate Programs—NEW COURSE PROPOSAL<sup>1</sup>

UGPC APPROVAL \_\_\_\_\_  
 UFS APPROVAL \_\_\_\_\_  
 SCNS SUBMITTAL \_\_\_\_\_  
 CONFIRMED \_\_\_\_\_  
 BANNER POSTED \_\_\_\_\_  
 CATALOG \_\_\_\_\_

DEPARTMENT: DEPARTMENT OF BIOLOGICAL SCIENCES

COLLEGE: CHARLES E. SCHMIDT COLLEGE OF SCIENCE

**RECOMMENDED COURSE IDENTIFICATION:**

PREFIX BSC COURSE NUMBER 6170 LAB CODE (L or C) \_\_\_\_\_

(TO OBTAIN A COURSE NUMBER, CONTACT [MJENNING@FAU.EDU](mailto:MJENNING@FAU.EDU))

COMPLETE COURSE TITLE: HUMAN NEUROANATOMY

**EFFECTIVE DATE**

(first term course will be offered)

\_\_\_\_\_ SPRING 2015 \_\_\_\_\_

CREDITS<sup>2</sup>: 3

**TEXTBOOK INFORMATION:**

(1.) NEUROANATOMY TEXT AND ATLAS; JOHN H. MARTIN (4<sup>TH</sup> EDITION)

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR R SATISFACTORY/UNSATISFACTORY \_\_\_\_\_

**COURSE DESCRIPTION, NO MORE THAN THREE LINES:**

Detailed study of the anatomical components of the human nervous system at the cellular and systems level, with particular emphasis on the structure and function of the brain and spinal cord. An overview of diseases and injuries of the human nervous system will be included.

**PREREQUISITES\*:**

Graduate Level or Permission of Instructor

**COREQUISITES\*:**

**REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)\*:**

Graduate Level or Permission of Instructor

\* PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

**MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: MEMBER OF THE GRADUATE FACULTY OF FAU AND HAS A TERMINAL DEGREE IN THE SUBJECT AREA (OR A CLOSELY RELATED FIELD).**

Faculty contact, email and complete phone number:

Brenda Claiborne, Ph.D.  
[BRENDA.CLAIBORNE@fau.edu](mailto:BRENDA.CLAIBORNE@fau.edu)  
 (561) 297-0337 Boca Raton  
 (561) 799-8051 Jupiter

Please consult and list departments that might be affected by the new course and attach comments.<sup>3</sup>

Psychology: Please see attached  
 College of Medicine: See attached  
 Center for Complex Systems and Brain Sciences: Please see attached.

**Approved by:**

Department Chair: [Signature]

College Curriculum Chair: [Signature]

College Dean: [Signature]

UGPC Chair: [Signature]

Graduate College Dean: [Signature]

UFS President: \_\_\_\_\_

Provost: \_\_\_\_\_

**Date:**

10/30/14

10/30/14

10/30/14

11/5/14 11/12/14

11/15/14

1. Syllabus must be attached; see guidelines for requirements: [www.fau.edu/provost/files/course\\_syllabus.2011.pdf](http://www.fau.edu/provost/files/course_syllabus.2011.pdf)

2. Review Provost Memorandum: **Definition of a Credit Hour** [www.fau.edu/provost/files/Definition\\_Credit\\_Hour\\_Memo\\_2012.pdf](http://www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf)

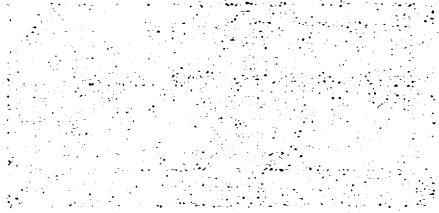
3. Consent from affected departments (attach if necessary)

Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.

# MEMORANDUM

TO : [Illegible]

FROM : [Illegible]



SUBJECT: [Illegible]

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*[Handwritten signature]*  
*[Handwritten signature]*



Charles E. Schmidt College of Science  
Department of Biological Sciences  
777 Glades Road  
Boca Raton, FL 33431  
tel: 561.297-3320  
fax: 561.297-2749

**TO:** University Graduate Programs Committee (UGPC)

**FROM:** Rodney Murphey, Ph.D.  
Professor and Chair  
Department of Biological Sciences

A handwritten signature in black ink, appearing to read 'Rodney Murphey' followed by 'Dr RM'.

**DATE:** September 19, 2014

**RE:** New Course Proposal Consent

To Whom It May Concern:

This note constitutes acknowledgement and consent of the Department of Biological Sciences for the creation of a new course within the department: **BSC 6170: Human Neuroanatomy.**

Best Regards,

Rodney Murphey, Ph.D.  
Chairman, Department of Biological Sciences  
Director, Life Science Initiative on the MacArthur Campus

**Special Topics: Human Neuroanatomy (BSC 6170)**  
**Graduate Course**  
**3 credit hours**  
**Department of Biological Sciences, Florida Atlantic University**

**Spring Term 2015 (January 5 to May 4, 2015)**  
**Syllabus – 4 pages**

**Class meetings:** Tuesdays and Thursdays, 2:00 to 3:20 pm  
**Location:** SR xxx, Jupiter Campus  
**Instructor:** Brenda J. Claiborne, Ph.D.  
Professor  
Office (for office hours): RF 17 Building, Room 209  
Email: [brenda.claiborne@fau.edu](mailto:brenda.claiborne@fau.edu) Phone: 561-799-8032  
**Office Hours:** Wednesdays, 1:30 – 4:30, and by appointment

**Course Description:** Detailed study of the anatomical components of the human nervous system at the cellular and systems level, with particular emphasis on the structure and function of the brain and spinal cord. An overview of diseases and injuries of the human nervous system will be included.

**Registration requirement:** Graduate student status or consent of the instructor.

**Required Text:** *Neuroanatomy Text and Atlas*; John H. Martin; FOURTH EDITION, 2012; McGraw-Hill; ISBN: 0-07-1603964; ISBN-13: 978-0-07-1603966.

**Course Objectives:** The overall objectives of this course are for students to understand the basic structural and functional components of the human nervous system. More specifically, students will be expected to learn the structure of components of both the central nervous system and the peripheral nervous system, to understand the function of the various regions, nerves and tracts, and to comprehend how nervous system injuries and diseases disrupt those functions. Emphasis will be placed on the brain and spinal cord.

**Lecture Outlines, Assigned Reading and Lecture Presentations:** Lecture outlines will be posted on Blackboard at least one week before each class. Students should complete the assigned reading and fill in the outlines BEFORE each class. Students are expected to bring a copy of the outline to class to aid them in completing in-class assignments and so they can add additional notes on the topic that the instructor may present in class. Lecture presentations (Power Points) and any class handouts will be posted to Blackboard after the lecture. Questions on quizzes and exams will be taken from the outlines, handouts and lecture presentations.

**Attendance:** Students are expected to attend all classes and participate in activities and discussions. Although attendance is not formally required, students should note that there will be in-class activities in a number of classes and that a portion of a student's grade will be based on class participation (see Grading Policies below). If a student misses a class, he/she is responsible for all material covered during that class, including lecture and discussion material and any changes to the course schedule. If a student must miss a class, it is suggested that the student arrange to obtain class notes and announcements from another student.

As per FAU policy, students will not be penalized for absences due to participation in University-approved activities, including athletic or scholastics teams, musical and theatrical performances, and debate activities. Reasonable accommodation will also be made for students participating in a religious observance. Students must meet with the instructor and give documentation in advance to be absent for these activities.

**Class Schedule: Spring 2015**

<b>Date</b>	<b>Quiz or Exam*</b>	<b>Topic for Lecture and Discussion</b>	<b>Textbook**</b>
Jan 6		Organization of the central nervous system	Chapter 1
Jan 8		"	"
Jan 13	Quiz 1	Overview of structure and function of CNS	Chapter 2
Jan 15		"	"
Jan 20	Quiz 2	Somatic sensation: spinal mechanosensory systems	Chapter 4
Jan 22		"	"
Jan 27	Quiz 3	Somatic sensation: pain, temperature and itch	Chapter 5
Jan 29		"	"
<b>Feb 3</b>	<b>Exam 1</b>	<b>Exam 1 covers Chapters 1, 2, 4 and 5</b>	-
Feb 5		Somatic sensation and cranial nerves	Chapter 6
Feb 10		"	"
Feb 12	Quiz 3	Visual system	Chapter 7
Feb 17		"	"
Feb 19	Quiz 4	Auditory system	Chapter 8
Feb 24		"	"
<b>Feb 26</b>	<b>Exam 2</b>	<b>Exam 2 covers Chapters 6, 7 and 8</b>	-
Mar 3		Spring Break	-
Mar 5		Spring Break	-
Mar 10		Chemical senses: taste and smell	Chapter 9
Mar 12		Descending motor pathways	Chapter 10
Mar 17		"	"
Mar 19	Quiz 5	Cranial nerve motor function and brain stem motor functions	Chapter 11
Mar 24		"	"
Mar 26		Vestibular system	Chapter 12
Mar 31	<b>Exam 3</b>	<b>Exam 3 covers Chapters 9, 10, 11 and 12</b>	-
Apr 2		Cerebellum	Chapter 13
Apr 7		Basal Ganglia	Chapter 14
Apr 9		Hypothalamus	Chapter 15
Apr 14		"	"
Apr 16	Quiz 6	Limbic System	Chapter 16
Apr 21		Reading Day – no class	-
Apr 23 – Apr 29	<b>Final Exam</b>	Comprehensive final exam	

\* Please note that all quizzes and exams will be given at the beginning of the class period, starting promptly at 2 pm. Quizzes will cover the material on the outline, any handouts and the lecture presentation from the preceding two classes. (For example, Quiz 1 will cover the material from January 6 and 8.) Any student who arrives late for a quiz or an exam will not be allowed to take the quiz or exam if any other students have already seen the quiz or exam and have left the classroom.

\*\* Readings are to be completed before the class period.

**Grading Policies:** A student's course grade will be based on quizzes, presentations, class participation, three exams and a final comprehensive exam. Quizzes and exams will consist of short answer questions. All students will be expected to use proper grammar, to write legibly and to spell words and terms correctly.

**Lowest Quiz Score:** The instructor will automatically drop the lowest quiz score for each student. If a student does not want the lowest score dropped, he/she must notify the instructor in writing by April 22 at 5 pm; no exceptions.

**Make-ups:** Make-up quizzes and exams will be given only as allowed by University policy or in extreme circumstances. Extreme circumstances are limited to serious illnesses, hospitalizations, military service, or death of a family member; any such instance will require documentation.

**Extra Credit:** "Extra credit" assignments will not be given in this class as the objective of the course is to understand the material covered in the readings, discussions and lectures.

**Incompletes:** As per University policy, grades of Incomplete ("I") are reserved for students who are passing a course but have not completed all the required work because of exceptional circumstances. For this class, if a student is unable to complete the required coursework because of a serious illness, hospitalization, military service, or death of a family member, the student can request a grade of Incomplete. The awarding of an "I" (Incomplete) will be granted only in exceptional cases; the decision will be made either solely by the instructor or in consultation with the Associate Dean.

**Withdrawal from Class:** It is the responsibility of the student to withdraw from this class, should that status be desired. The instructor will not give the grade of "I" in lieu of a grade of "D" or "F".

**Course Grade: Points**

Quizzes and Class Participation	100 points
6 quizzes at 10 points each, for 60 points total	
Class participation for 40 points total	
Student presentation (explained in class)	50 points
Exam 1	100 points
Exam 2	100 points
Exam 3	100 points
<u>Cumulative Final Exam</u>	<u>100 points</u>
Total	550 points

**Course Grade: Letter Grades**

A	90 - 100%
B+	87 - 89%
B	80 - 86%
C+	77 - 79 %
C	70 - 76%
D+	67 - 69%
D	60 - 66%
F	<60%

**Electronic Devices:** University policy states that "In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions." In this class, any use of cell phones or other communication devices is not allowed during active class times. (A ringing or vibrating device is included in the definition of "use of an electronic device.") If a student uses a communication device during active class time, the student will be

required to leave the class for the remainder of that class period and will receive a zero for any in-class activities/quizzes/exams that he/she may miss. There will be one short break during each class period, and students may use their devices to send/receive text and email messages (no voice calls) during the break.

**Ethical Standards / 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:

[http://www.fau.edu/ctl/4.001\\_Code\\_of\\_Academic\\_Integrity.pdf](http://www.fau.edu/ctl/4.001_Code_of_Academic_Integrity.pdf).

**Accommodations for Disabilities:** In compliance with the Americans with Disabilities Act (ADA), students who require reasonable accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) – in Jupiter, SR 139 (561-799-8698) – and follow all OSD procedures.

**Religious Accommodations:**

Students who wish to be excused from coursework, class activities or examinations must notify the instructor in advance of their intention to participate in religious observation and request an excused absence.

**From:** [Diane Baronas-Lowell](#)  
**To:** [David Wolgin](#)  
**Cc:** [Rodney Murphey](#); [Michelle Cavallo](#); [ken.dawson-scully@fau.edu](mailto:ken.dawson-scully@fau.edu)  
**Subject:** RE: Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)  
**Date:** Wednesday, September 10, 2014 11:41:46 AM

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Thank you very much for your prompt reply Dave. I really appreciate your valuable time.

Have a wonderful semester!

Regards, Diane

Diane Baronas-Lowell, Ph.D.  
Research Associate Professor  
FAU-Neuroscience  
Charles E. Schmidt College of Science  
John D. MacArthur Campus  
5353 Parkside Dr.  
MC-19, RE Bldg., Room 107  
Jupiter, FL 33458  
561 799-8073 (work)  
561 374-0469 (cell)

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**From:** David Wolgin  
**Sent:** Wednesday, September 10, 2014 11:37 AM  
**To:** Diane Baronas-Lowell  
**Subject:** Re: Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)

Diane,  
The Department of Psychology has no objections to these courses.  
Best,  
Dave

David L. Wolgin, Ph.D.  
Professor and Chair  
Department of Psychology  
Florida Atlantic University  
Boca Raton, FL 33431  
E-mail: [WOLGINDL@FAU.EDU](mailto:WOLGINDL@FAU.EDU)  
Phone: 561/297-3366  
Fax: 561/297-2160

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**From:** Diane Baronas-Lowell <[dlowell@fau.edu](mailto:dlowell@fau.edu)>  
**Date:** Tuesday, September 9, 2014 1:42 PM  
**To:** David Wolgin <[wolgindl@fau.edu](mailto:wolgindl@fau.edu)>  
**Cc:** Rodney Murphey <[RMURPHEY@fau.edu](mailto:RMURPHEY@fau.edu)>  
**Subject:** Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)



Dear Dr. Wolgin:

I hope this email finds you well.

I would like to have the following three courses formally recorded as new graduate courses:

1. BSC 6936 Practical Cell Neuroscience has been offered each spring beginning in 2010 (by Ken Dawson-Scully).
2. BSC 6936 Human Neuroanatomy was offered in Summer 2014 and will be held again in Spring 2015 (by Brenda Claiborne).
3. Ken has also recently developed an additional course titled Neurophysiology (BSC 6936) which is running during the current fall 2014 term.

In order to do so, I am filling out new graduate course proposal forms for each course and under the "Please consult and list departments that might be affected by the new course and attach comments" box, Rod Murphey suggested I list Psychology. Charles Roberts instructed me to ask for an email from you stating that your department has no objections to these courses.

Please be so kind to send me an email with your comments. Thank you very much for your time!

Regards, Diane

Diane Baronas-Lowell, Ph.D.  
Research Associate Professor  
FAU-Neuroscience  
Charles E. Schmidt College of Science  
John D. MacArthur Campus  
5353 Parkside Dr.  
MC-19, RE Bldg., Room 107  
Jupiter, FL 33458  
561 799-8073 (work)  
561 374-0469 (cell)

**From:** [Diane Baronas-Lowell](#)  
**To:** [Michelle Cavallo](#); [ken.dawson-scully@fau.edu](mailto:ken.dawson-scully@fau.edu)  
**Subject:** FW: Advanced Neurophysiology Lab (BSC6930), Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)  
**Date:** Monday, September 15, 2014 8:56:44 AM

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Diane Baronas-Lowell, Ph.D.  
Research Associate Professor  
FAU-Neuroscience  
Charles E. Schmidt College of Science  
John D. MacArthur Campus  
5353 Parkside Dr.  
MC-19, RE Bldg., Room 107  
Jupiter, FL 33458  
561 799-8073 (work)  
561 374-0469 (cell)

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**From:** Janet Blanks  
**Sent:** Monday, September 15, 2014 8:37 AM  
**To:** Diane Baronas-Lowell  
**Cc:** Rodney Murphey; Brenda Claiborne; Robert Stackman  
**Subject:** RE: Advanced Neurophysiology Lab (BSC6930), Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)

Hi Diane,

The Center faculty confirmed their approval of the new Neuroscience courses proposed by the Biology Department. In fact, we will encourage our new students to take one or more of these courses as electives for our doctoral program.

I welcome the new courses, especially those that offer the students "hands on" experience in the lab where they can learn "state-of-the-art" techniques in Neurophysiology. Of course, I'm always happy to see students learn more Neuroanatomy!

My best,

Janet

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**From:** Diane Baronas-Lowell  
**Sent:** Friday, September 12, 2014 4:02 PM  
**To:** Janet Blanks  
**Cc:** Michelle Cavallo  
**Subject:** FW: Advanced Neurophysiology Lab (BSC6930), Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)

Hi Janet:

Have you received any word from your faculty member about his thoughts on these courses? Does your center have any objections to these courses?

Thanks very much for your time. See you at the football game??

Best, Diane

Diane Baronas-Lowell, Ph.D.  
Research Associate Professor  
FAU-Neuroscience  
Charles E. Schmidt College of Science  
John D. MacArthur Campus  
5353 Parkside Dr.  
MC-19, RE Bldg., Room 107  
Jupiter, FL 33458  
561 799-8073 (work)  
561 374-0469 (cell)

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**From:** Janet Blanks  
**Sent:** Thursday, September 11, 2014 8:41 AM  
**To:** Diane Baronas-Lowell  
**Cc:** Rodney Murphey  
**Subject:** RE: Advanced Neurophysiology Lab (BSC6930), Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)

Hi Diane,

At the request of one of the Center faculty, would you please send me the syllabi for items #3 and #4 below. He wants to compare the topics in these two courses with Neuroscience 1 and 2 offered by the Center. I feel the "more Neuroscience the merrier"!

Saw Herb last night, he said he's almost ready to submit Arun's paper to PNAS - Yippee!

Jan

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**From:** Diane Baronas-Lowell  
**Sent:** Tuesday, September 09, 2014 4:48 PM  
**To:** Janet Blanks  
**Cc:** Rodney Murphey  
**Subject:** Advanced Neurophysiology Lab (BSC6930), Practical Cell Neuroscience (BSC 6936), Human Neuroanatomy (BSC 6936), Neurophysiology (BSC 6936)

Dear Janet:

Hope all is well!

The Biology Department would like to have the following four courses formally recorded as new graduate courses:

1. BSC 6930 Advanced Neurophysiology Lab which has been offered twice (Spring 2012 and Spring 2013, by Ken Dawson-Scully and Bob Stackman).
2. BSC 6936 Practical Cell Neuroscience which has been offered each spring beginning in 2010 (by Ken Dawson-Scully).
3. BSC 6936 Human Neuroanatomy was offered in Summer 2014 and will be held

again in Spring 2015 (by Brenda Claiborne).

4. Ken has also recently developed an additional course titled Neurophysiology (BSC 6936) which is running during the current fall 2014 term.

In order to do so, I am filling out new graduate course proposal forms for each course and under the "Please consult and list departments that might be affected by the new course and attach comments" box, Rod Murphey suggested I include Center for Complex Systems. Charles Roberts instructed me to ask for an email from you stating that your center has no objections to these courses.

Please be so kind to send me an email with your comments. Thank you very much for your time!

Regards, Diane

Diane Baronas-Lowell, Ph.D.  
Research Associate Professor  
FAU-Neuroscience  
Charles E. Schmidt College of Science  
John D. MacArthur Campus  
5353 Parkside Dr.  
MC-19, RE Bldg., Room 107  
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Charles E. Schmidt College of Medicine  
777 Glades Road  
Boca Raton, FL 33431  
(561) 297-0706  
Fax: (561) 297-2519

Monday, September 29<sup>th</sup>, 2014

To: Charles E. Schmidt College of Science  
Biology Department

To Whom It May Concern,

The Biomedical Science Graduate Program in the Charles E. Schmidt College of Medicine has reviewed the new Biology course proposals, and does not have any objections to the proposed courses. The courses do not contain any material that could constitute a conflict with our program curriculum.

Sincerely,

A handwritten signature in black ink that reads 'Marc Kantorow'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Marc Kantorow, Ph.D.  
Professor and Director of Graduate Programs  
Charles E. Schmidt College of Medicine  
Florida Atlantic University  
777 Glades Rd.  
Boca Raton, FL 33431  
561-297-2910

## Michelle Cavallo

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**From:** Carolina Clark  
**Sent:** Monday, September 29, 2014 10:43 AM  
**To:** William Brooks; Rodney Murphey  
**Cc:** Keith Brew; Carolina Clark; Marc Kantorow; John Newcomer; David Bjorkman; Michelle Cavallo  
**Subject:** Re: New Biology Course Proposals  
**Attachments:** Spring 15 new course- Adv. Mol. Bio.pdf; Spring 15- New course- Hum. Gen..pdf; Spring 15- New course- Imm. Sem..pdf; Spring 15- New course- Neu.Add..pdf; Biology New Course Proposals.docx

**Importance:** High

Dear Dr. Brooks and Dr. Murphy,

We have reviewed your new biology course proposals and have no objections to the proposed courses (see attached letter). In turn, we are awaiting your approval/consent letters for our Biomedical Science Graduate Courses, as promised to us last Friday by Dr. Ivy. Could you please provide us the information no later than Wednesday, as we must submit all agenda items to UGPC by October 1st? For your convenience, I have attached the course proposals to this email.

Thanking you in advance for your assistance and understanding in this time-sensitive matter.

Sincerely,

Carolina Clark  
Graduate Programs Coordinator  
Charles E. Schmidt College of Medicine  
777 Glades Road, Rm. 206-A  
Boca Raton, FL, 33431-0991  
[561-297-4549](tel:561-297-4549)  
[clarkc@fau.edu](mailto:clarkc@fau.edu)  
[www.med.fau.edu](http://www.med.fau.edu)

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**From:** Michelle Cavallo <[MCAVALLO@fau.edu](mailto:MCAVALLO@fau.edu)>  
**Date:** Tuesday, September 23, 2014 at 12:52 PM  
**To:** Keith Brew <[KBREW@fau.edu](mailto:KBREW@fau.edu)>  
**Cc:** William Brooks <[wbrooks@fau.edu](mailto:wbrooks@fau.edu)>, Carolina Clark <[clarkc@fau.edu](mailto:clarkc@fau.edu)>  
**Subject:** New Biology Course Proposals

Dear Dr. Brew,

The Biology Department is attempting to formalize a number of graduate and undergraduate level courses which have previously been offered under the special topics course code. Each course has been offered at least once and half of the courses on the list have run in excess of four times (the range being 1 to 8 semesters offered). Because these courses have been successful with our students (enrollment has been consistently high), we would like to have them formally recorded in the university catalog.

In order to do so, I am filling out new course proposal forms and under the "Please consult and list departments that might be affected by the new course and attach comments" box, Dr. Randy Brooks, as Chair of our Departmental Graduate Program Committee, suggested I list the Biomedical Science Department. He instructed me to contact you and request email confirmation that your department has no objections to the proposed courses.

The new course proposals and associated syllabi are attached for your review and listed below. Courses marked with an asterisk below are courses which we are proposing to dual list at both the graduate and undergraduate levels. All other courses on the list are proposed only at either the graduate (G) or the undergraduate (UG) level at this time and all courses are labeled by level.

1. (G) Computer Graphics for Biologists (BSC 6466)
2. (G) Methods in Biotechnology (BSC 6468L)
3. \*(G) Advanced Plant Biotechnology and Lab (BSC 5467C)
4. \*(UG) Genetics Lab (BSC 4007L)
5. \*(G) Advanced Genetics Lab (BSC 5038L)
6. \*(UG) Molecular Genetics of Aging (BSC 4022)
7. \*(G) Advanced Molecular Genetics of Aging (BSC 5029)
8. (UG) Life of a Scientist
9. (UG) Introduction to Honors I
10. (UG) Introduction to Honors II
11. (G) Practical Cell Neuroscience
12. (G) Human Neuroanatomy
13. (G) Neurophysiology
14. (G) Advanced Neurophysiology

The Advanced Plant Biotechnology and Lab, Methods in Biotechnology, and Practical Cell Neuroscience courses listed above already exist as undergraduate level courses in the catalog and, in these two cases, we are simply adding a graduate version of each of the existing courses. (Methods in Biotechnology is the graduate level equivalent to undergraduate level Biotechnology I and II Laboratory courses combined).

In perusing the university catalog, we were not able to identify any apparent direct course conflicts within your department but we would appreciate it if you would respond an email with your comments and the comments of any faculty within your department who teach related courses. Thank you very much for your time.

Regards, Michelle

Michelle Cavallo  
Administrative Assistant & Graduate Coordinator  
Department of Biological Sciences  
Florida Atlantic University  
777 Glades Road  
Boca Raton, FL 33431  
PH: 561-297-0384