

FLORIDA ATLANTIC UNIVERSITY™

Graduate Programs—NEW COURSE PROPOSAL¹

UGPC APPROVAL _____
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

DEPARTMENT: BIOMEDICAL SCIENCE

COLLEGE: CHARLES E. SCHMIDT COLLEGE OF MEDICINE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX PCB COURSE NUMBER 5283 LAB CODE (L or C) No Lab

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

COMPLETE COURSE TITLE: IMMUNOLOGY SEMINAR

EFFECTIVE DATE

(first term course will be offered)

SPRING 2015

CREDITS: /

TEXTBOOK INFORMATION: NO TEXTBOOK REQUIRED- PUBLISHED ARTICLES WILL BE USED

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR SATISFACTORY/UNSATISFACTORY _____

COURSE DESCRIPTION, NO MORE THAN THREE LINES: Graduate students in the College of Medicine and the College of Science who are interested in Immunology introduce topics, discuss the data and summarize conclusions from one or a few related cutting-edge articles published in the immunology journals in the seminar. The article(s) should deal with research in cellular or molecular immunology. The Immunology Seminar also intended to encourage graduate students to present their research-in-progress and acquires feedback from their colleagues and faculty.

PREREQUISITES *: NONE

COREQUISITES*: NONE

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

INSTRUCTOR PERMISSION REQUIRED

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

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: BIOMEDICAL OR COM FACULTY

Faculty contact, email and complete phone number:

Dr. Mahyar Nouri-Shirazi
 (561) 297- 0935
mahyar.shirazi@fau.edu

Please consult and list departments that might be affected by the new course and attach comments.

Charles E. Schmidt College of Science (see attached letter)

Approved by:

Department Chair: _____

College Curriculum Chair: _____

College Dean: _____

UGPC Chair: _____

Graduate College Dean: _____

UFS President: _____

Provost: _____

Date:

9/22/14

9/22/14

9/23/14

10/8/14

10-15-14

1. Syllabus must be attached; see guidelines for requirements: 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

3. Consent from affected departments (attach if necessary)

Email this form and syllabus to 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.



Charles E. Schmidt College of Medicine
777 Glades Road
Boca Raton, FL 33431
(561) 297-0706
Fax: (561) 297-2519

August 20th, 2014

To: University Graduate Program Committee

From: Biomedical Science Graduate Program Office
Charles E. Schmidt College of Medicine
777 Glades Road, BC 71,
Boca Raton, FL 33431-0991

The Biomedical Science Program Office is submitting a request to have a biomedical science course that has currently been offered as PCB 6905- Immunology Seminar- be changed to PCB 5283. The reason behind this requested change is that PCB 6905 has already been associated with a course titled "Directed Independent Study", and the two courses need to be differentiated. Immunology seminar initially started off as a directed independent study course, however as the number of students interested in this course increased and class meeting times were scheduled, the course progressed into a 1 credit seminar course and now needs to be included in our biomedical science curriculum as a separate course from DIS.

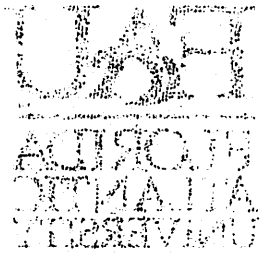
Attached is the course syllabus and the UGPC "New Course Proposal". Please feel free to contact me should you have any further questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Carolina Clark', written in a cursive style.

Carolina Clark
Graduate Programs Coordinator
Charles E. Schmidt College of Medicine
561.297.4549
clarkc@fau.edu

Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431
(561) 365-0000
Fax: (561) 365-1810



August 20, 2014

To: University Graduate Program Committee

From: Biomedical Science Graduate Program Office
Charles E. Schmidt College of Medicine
777 Glades Road, BC 71
Boca Raton, FL 33431-0991

The Biomedical Science Graduate Program Office is submitting a request to have a biomedical science course that has currently been offered as BSC 6905 - Immunology Seminar to be changed to BSC 6903. The reason behind this request is that BSC 6905 has already been associated with a course titled "Directed Independent Study," and the two courses need to be differentiated. Immunology Seminar initially started off as a directed independent study course, however as the number of students increased in this course increased and class meeting times were scheduled, the course progressed into a seminar course and now needs to be included in our biomedical science curriculum as a separate course from BSC 6905.

Attached is the course syllabus and the UFPR "New Course Proposal" form. Please feel free to contact me should you have any further questions or concerns.

Sincerely,

Dr. [Name]
Graduate Program Committee
Charles E. Schmidt College of Medicine
777 Glades Road
Boca Raton, FL 33431-0991

PCB 5283- Immunology Seminar (Spring 2015)

1 hour credit

Instructor: Mahyar Nouri-Shirazi, D.V.M., Ph.D.

Office Phone: (561)-297-0935

Room number: BC 326

E-mail address: mahyar.shirazi@fau.edu

Meeting hours: Fridays, 2:00-2:50PM

Seminar room: BC 314

Course Syllabus: Graduate students in the College of Medicine and the College of Science who are interested in Immunology introduce topics, discuss the data and summarize conclusions from one or a few related cutting-edge articles published in the immunology journals in the seminar. The article(s) should deal with research in cellular or molecular immunology. The Immunology Seminar also intended to encourage graduate students to present their research-in-progress and acquires feedback from their colleagues and faculty.

Course Objectives: The main objective of the course is to help students develop presentation skills and critical thinking integral to their training. More importantly, the course intended to encourage students to formulate new ideas and develop collaborations with their colleagues.

Schedule:

Date	Presenter	Title of presentation
Jan 09, 2015	Paper selection/discussion	TBA
Jan 16, 2015	Paper presentation	TBA
Jan 23, 2015	Paper selection/discussion	TBA
Jan 30, 2015	Paper presentation	TBA
Feb 06, 2015	Paper selection/discussion	TBA
Feb 13, 2015	Paper presentation	TBA
Feb 20, 2015	Paper selection/discussion	TBA

Feb 27, 2015	Paper presentation	TBA
Mar 13, 2015	Paper selection/discussion	TBA
Mar 20, 2015	Paper presentation	TBA
Mar 27, 2015	Paper selection/discussion	TBA
Apr 03, 2015	Paper presentation	TBA
Apr 10, 2015	Paper selection/discussion	TBA
Apr 17, 2015	Paper presentation	TBA

Policies: Attendance is mandatory. Students are expected to be present at the start of each seminar. Missing seminars will be detrimental to student's grade.

Grading: S/U

Course Policies: Makeup tests and late work are not allowed unless an approved physical problem or schedule conflicting with University-approved activities

Classroom Etiquette: Please refer to the FAU Catalog and Student Handbook. Compliance with university rules and regulations is expected of all students.

Academic Honor Code: 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

The FAU Honor Code requires a faculty member, student, or staff member to notify an instructor when there is reason to believe an academic irregularity is occurring in a course. The instructor must pursue any reasonable allegation, taking action where appropriate. The following constitute academic irregularities:

1. The use of notes, books or assistance from or to other students while taking an examination or working on other assignments, unless specifically authorized by the instructor, are defined as acts of cheating.

2. The presentation of words or ideas from any other source as one's own is an act defined as plagiarism.
3. Other activities that interfere with the educational mission of the University.

For full details of the FAU Honor Code, see University Regulation 4.001 at www.fau.edu/regulations/chapter4/4.001_Honor_Code.pdf.

Students With Disabilities

In compliance with the American Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) – in Boca Raton, SU 133 (561-297-3880); in Davie, MOD 1 (954-236-1222); in Jupiter, SR 117 (561-799-8585); or at the Treasure Coast, CO 128 (772-873-3305) – and follow all OSD procedures.

2. The presentation of words or ideas from any other source as one's own is an act defined as plagiarism.
3. Other activities that interfere with the educational mission of the University.

For full details of the FAU Honor Code, see University Regulation 4-001 at www.fau.edu/regulation/vol4/001_Honor_Code.pdf.

Students With Disabilities

In compliance with the American Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute course work must register with the Office for Students with Disabilities (OSD) – in Room Hatory 0U 133 (864-597-3880) in Davis Hall, MOD 1 (864-533-1223) in Jupiter SR 117 (864-799-8585) or at the Treasurer's Office (864-573-3802) – and follow all OSD procedures.



CHARLES E. SCHMIDT COLLEGE OF MEDICINE
Department of Integrated Medical Science
777 Glades Road, P.O. Box 3091
Boca Raton, FL 33431-0991
tel: (561) 297-0935
email: mahyar.shirazi.fau.edu

September 16, 2014

Re: Immunology Seminar

Dear Graduate Program Committee:

Immunology is now a well-developed basic science and much is thought of the normal physiology of the immune system in other courses. However, the study of immunology provides a rare opportunity in medicine to relate the findings of basic scientific investigation to clinical problems often seen in clinic. The proposed Immunology Seminar course differentiate itself from other courses by encouraging the graduate students who are interested in immune-mediated diseases to present and discuss basic, clinical, and translational research articles on topics such as immunodeficiencies, autoimmune diseases, infectious diseases, anaphylaxis and allergy, lymphoproliferative disorders, transplantation, immune manipulation, and techniques in clinical immunology.

The instructor not only has many years of experience teaching basic immunology but he also has developed and directs the graduate level course Problem-Based Immunology as well as the Pathophysiology & Therapeutic 4 course that covers Infectious, Immunologic, and Hematologic Diseases for second year medical students. Thank you in advance for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mahyar', enclosed within a hand-drawn oval shape.

Mahyar Nouri-Shirazi, D.V.M., Ph.D.
Associate Professor/Director of FACS Laboratory

Subject: RE: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER
Date: Monday, September 29, 2014 at 4:08:21 PM Eastern Daylight Time
From: William Brooks
To: Carolina Clark
CC: John Newcomer, David Bjorkman, Russell Ivy, Michelle Cavallo, Marc Kantorow, Rodney Murphey, Kenneth Dawson Scully, David Binnering, Colin Hughes, Dale Gawlik, Andrew Oleinikov

Great! We look forward to helping move all of these courses towards approval! Again, for the record, the sentiment was to approve the Advanced Molecular and Cell Biology but clarifications to distinguish this course from our undergraduate course should be articulated.

Randy

W. Randy Brooks, PhD

Professor of Biology
Chair, FAU Biology Undergraduate & MS Graduate Program Committees
Boca Raton, FL 33431, Phone: 561-297-3888, Email: wbrooks@fau.edu

<http://www.science.fau.edu/biology/faculty/wbrooks.html>

<http://www.science.fau.edu/biology/masters/masters.html>

<http://www.science.fau.edu/biology/masters/masters-faq.html>

From: Carolina Clark
Sent: Monday, September 29, 2014 3:39 PM
To: William Brooks
Cc: John Newcomer; David Bjorkman; Russell Ivy; Michelle Cavallo; Marc Kantorow; Rodney Murphey; Kenneth Dawson Scully; David Binnering; Colin Hughes; Dale Gawlik; Carolina Clark; Marc Kantorow; Andrew Oleinikov
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Dear Randy,

Thanks so much for your help and quick turn around time. We will go ahead and submit all 4 courses to the UGPC noting the concerns about Advanced Mol and Cel Biology course. We will also contact the instructor Dr. Oleinikov to obtain additional information distinguishing this course from the undergraduate molecular biology course that we will forward you as soon as we receive it.

Thank you again for your help and consideration.

Sincerely,

Marc.

From: William Brooks <wbrooks@fau.edu>

Date: Monday, September 29, 2014 at 2:59 PM

To: Marc Kantorow <mkantoro@fau.edu>

Cc: John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, Russell Ivy <IVY@fau.edu>, Michelle Cavallo <MCAVALLO@fau.edu>, Marc Kantorow <mkantoro@fau.edu>, Carolina Clark <clarkc@fau.edu>, Rodney Murphey <RMURPHEY@fau.edu>, Kenneth Dawson Scully <kdawsons@fau.edu>, David Binninger <binninge@fau.edu>, Colin Hughes <Chughe@fau.edu>, Dale Gawlik <dgawlik@fau.edu>, William Brooks <wbrooks@fau.edu>

Subject: RE: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Hi Marc,

I thought it best if I communicate with you directly. First, Biology appreciates your quick turn-around on the new course proposals we sent your college. We, similarly, have tried to solicit our faculty to reply quickly. We received completed new course proposals from Biomed on Wednesday of last week and immediately sent them out to all potentially interested faculty. Although we did not get some responses (thus, the "no response" notation on the comments list), some comments requiring a response were made for the Advanced Molecular and Cellular Biology course - the remaining courses were fine (i.e., approved) as submitted.

We were asked by your program to reply quickly so that an Oct. 1st deadline of submitting your new courses to the University Programs Committee (UPC) could be met. So, again, we did our best in getting responses. I believe the questions raised can be addressed by the Biomed faculty who plan on teaching Advanced Molecular and Cellular Biology. However, I'm not sure if this can be done with only 48 hours left with your deadline. You "might" be able to go ahead and submit all of the courses to the UPC with the proviso that

additional comments may come in afterwards (again, I am not sure about this). In any case, the UPC will want these concerns brought up by some of our faculty to be clarified before they can be approved. We certainly know this can be inconvenient as one of the courses we recently sent your program was flagged by another college. Before we can move forward on that course, we will need to address their concerns. So please forward responses to our specific comments about Advanced Molecular and Cellular Biology to us (mcavallo@fau.edu & wbrooks@fau.edu). We will then immediately make sure the responses get to our faculty who raised the questions, and in turn ask for an immediate response back from them.

Clearly the system of course approvals has its requirements that are at times tedious. But we certainly want to help your program moving forward as you have done for us.

Cheers,
Randy Brooks

Professor of Biology
Chair, FAU Biology Undergraduate & MS Graduate Program Committees
Boca Raton, FL 33431, Phone: 561-297-3888, Email: wbrooks@fau.edu

<http://www.science.fau.edu/biology/faculty/wbrooks.html>

<http://www.science.fau.edu/biology/masters/masters.html>

<http://www.science.fau.edu/biology/masters/masters-fans.html>

From: Carolina Clark
Sent: Monday, September 29, 2014 2:12 PM
To: William Brooks
Cc: John Newcomer; David Bjorkman; Russell Ivy; Michelle Cavallo; Marc Kantorow; Rodney Murphey
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Dear Dr. Brooks,

Dr. Kantorow would really appreciate getting your response on the issues below.

Thanking you in advance for your assistance.

Carolina

From: Rodney Murphey <RMURPHEY@fau.edu>
Date: Monday, September 29, 2014 at 1:50 PM
To: Marc Kantorow <mkantoro@fau.edu>, Michelle Cavallo <MCAVALLO@fau.edu>
Cc: Carolina Clark <clarkc@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, Russell Ivy <IVY@fau.edu>, William Brooks <wbrooks@fau.edu>
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Marc,
Please contact Dr Brooks Professor of Biology the Graduate Program Committee Chair. He handles these issues for Biology.
Cheers,
Rod

From: Marc Kantorow <mkantoro@fau.edu>
Date: Monday, September 29, 2014 1:23 PM
To: Michelle Cavallo <MCAVALLO@fau.edu>
Cc: Carolina Clark <clarkc@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, rmurphey <rmurphey@fau.edu>, Russell Ivy <IVY@fau.edu>
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Michelle-Thanks for the individual faculty votes. Does this constitute course approval? Could we get a letter from Dr. Brooks approving the courses as we provided for your courses? I think that is what the university graduate program committee needs.

Thanks,
Marc

Marc Kantorow, Ph.D.
Professor and Director of Graduate Programs
Schmidt College of Medicine
777 Glades Rd. BC71 RM202
Florida Atlantic University
Boca Raton, FL 33431
561-297-2910 (office)
561-297-3806 (lab)
mkantoro@fau.edu

From: Michelle Cavallo <MCAVALLO@fau.edu>
Date: Monday, September 29, 2014 at 1:15 PM
To: Keith Brew <KBREW@fau.edu>
Cc: William Brooks <wbrooks@fau.edu>, Rodney Murphey <RMURPHEY@fau.edu>, marc.kantorow <mkantoro@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, John Baldwin <jbaldwin@fau.edu>, Colin Hughes <Chughe@fau.edu>, David Binninger <binninge@fau.edu>, Xing-hai Zhang <xhzhang@fau.edu>, Kailliang Jia <kjia@fau.edu>, John Nambu <jnambu@fau.edu>, Timothy Theisen <TTHEISEN@fau.edu>, Diane Baronas-Lowell <dlowell@fau.edu>, Tanja Godenschwege <godensch@fau.edu>, Gregory Macleod <macleodg@fau.edu>, "M.J. Saunders" <rmsaund11@fau.edu>, "ken.dawson-scully@fau.edu" <ken.dawson-scully@fau.edu>, Brenda Claiborne <bclaibor@fau.edu>, James Kumi-Diaka <jdiaka@fau.edu>, James Hartmann <jhartman@fau.edu>

Subject: Biology Department Feedback on COM New Course Proposals

Dear Dr. Brew,

Thank you for sending College of Medicine's new course proposals for review by the Biology Department. Please see the below itemized feedback provided by our faculty who teach related courses.

Sincerely,

Randy Brooks,
Professor and Biology Graduate Program Committee Chair

1. Human Genetics

a. Sent to:

- i. **John Baldwin** – no response
- ii. **Colin Hughes** – no response
- iii. **David Binninger** – While a few topics overlap with courses in our department, it is not sufficient to recommend that the *Human Genetics* course not be submitted. This is especially true because the proposed course is a graduate level course. I think it will be an excellent course for a number of our graduate students. Please let me know if you have questions or need a more detailed explanation.
- iv. **Xing-hai Zhang** – response: Regarding college of medicine's new courses, I don't see any conflict for "Human genetics", which focuses on human diseases.
- v. **Kailiang Jia** – no response
- vi. **John Nambu** – no response
- vii. **Timothy Theisen** – no response
- viii. **Diane Baronas-Lowell** – response: Please give my vote to whatever David votes.
- ix. **Tanja Godenschwege** – no response
- x. **Gregory Macleod** – no response

2. Advanced Molecular and Cellular Biology

a. Sent to:

- i. **John Baldwin** – no response
- ii. **Colin Hughes** – no response
- iii. **David Binninger** – no response
- iv. **Xing-hai Zhang** - response: Regarding college of medicine's new courses, I don't see any conflict for "Human genetics", which focuses on human diseases. But for "Advanced Mol, Cell Biology", its content is very similar to what we teach in "Genetics" and will be even more similar to our proposed "Molecular Genetics" (per Colin Hugues). It would be OK if we don't offer graduate level Genetics, Molecular Genetics or Mol Cell Biology courses, only undergrad courses.
- v. **Kailiang Jia** – no response
- vi. **John Nambu** – no response
- vii. **Timothy Theisen** – response: I have reviewed that attached document describing the proposed new course, Advanced Cellular and Molecular Biology, and have the following comments: 1) Their proposed course as described will be different than our undergraduate Molec and Cell course in that it will focus on human physiology, human disease, and potential therapies, topics which are not covered in the undergraduate biology course. 2) Their characterization of our undergraduate Molec and Cell course as a "general introductory course" is inaccurate. We also focus on understanding the physical-chemical basis of biological processes and cell function and the role of evolutionary processes in

shaping these interactions. However, we only barely relate these to human pathology or potential therapies. 3) We only barely discuss cancers and do not cover immunology at all, so these are clear points of difference. 4) I am a little curious as to why the syllabus does not reflect these different topics; as it currently reads it is pretty much identical to the undergrad Molec and Cell course, except for the time devoted to student presentations. In conclusion, because the course is designed to cover Molec and Cell with an emphasis on its role in human physiology and disease and possible therapies, I feel that it is sufficiently different than the course currently offered by the biology department. If it is, in fact meant to be an advanced course then I would think an undergraduate Molec and Cell course (taken at FAU or wherever their undergrad degree was earned) would be a mandatory pre-req, not merely a suggestion. Otherwise the course will end up spending a lot of time on review.

- viii. **Diane Baronas-Lowell** – no response
- ix. **Tanja Godenschwege** – response: Not only significantly but totally, with mine and Tim Theissens MCB course as we even use the same textbook. However ours is for undergraduates but theirs is supposed to be for graduates ? Not sure if that makes any difference??
- x. **Gregory Macleod** – response: Seems like their Cell Bio course would overlap significantly with your existing Mol Cell Bio course
- xi. **M.J. Saunders** – no response

3. Neurobiology of Addiction

- a. Sent to:
 - i. **Rodney Murphey**
 - ii. **Tanja Godenschwege** – no response
 - iii. **Ken Dawson-Scully** - I don't have an issues with the proposed course Neurobiology of Addiction. On the contrary I think it will be an excellent addition to the Neuroscience curriculum at FAU.
 - iv. **Brenda Claiborne** – This course looks fine to me.

4. Immunology Seminar

- a. **James Kumi-Diaka** – response: I have just reviewed the College of Medicine's new course proposal in immunology. This course is technically an Immunology Seminar Course at the 5000 level. One would expect a prerequisite for this Seminar; but that is up to the College of Medicine I do not see any conflict with our immunology course – PCB 4233; which is a full upper level course. I suggest they may go ahead and offer the seminar: MY OPINION
- b. **James Hartmann** – response: The biomed seminar in Immunology appears to be different from any Immunology course offerings in biology. I believe this is a formal course to replace the informal seminar series that I have attended in the past.

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