

RECEIVED

JAN 11 2013

OFFICE OF THE SENATE COUNCIL

COURSE CHANGE FORM

Complete 1a - 1f & 2a - 2c. Fill out the remainder of the form as applicable for items being changed.

1. General Information.

- a. Submitted by the College of: Medicine Today's Date: 8.20.2012
- b. Department/Division: Molecular and Biomedical Pharmacology
- c. Is there a change in "ownership" of the course? YES NO
If YES, what college/department will offer the course instead? _____
- d. What type of change is being proposed? Major Minor¹ (place cursor here for minor change definition)
- e. Contact Person Name: Micahel Kilgore Email: M.Kilgore@uky.edu Phone: 859.323.1821
- f. Requested Effective Date: Semester Following Approval OR Specific Term²: _____

Comment [OSC1]: Excerpt from SR 3.3.0.G.2 Definition. A request may be considered a minor change if it meets one of the following criteria:
 a. change in number within the same hundred series³;
 b. editorial change in the course title or description which does not imply change in content or emphasis;
 c. a change in prerequisite(s) which does not imply change in content or emphasis, or which is made necessary by the elimination or significant alteration of the prerequisite(s);
 d. a cross-listing of a course under conditions set forth in SR 3.3.0.E;
 e. correction of typographical errors.

³...for the specific purposes of the minor exception rule, the 600-799 courses are the same "hundred series," as long as the other minor change requirements are complied with. [RC 1/15/09]

2. Designation and Description of Proposed Course.

- a. Current Prefix and Number: PHA 522 Proposed Prefix & Number: PHA 422G
- b. Full Title: Pharmacology of Treating Human Disease Proposed Title: Pharmacology of Treating Human Disease
- c. Current Transcript Title (if full title is more than 40 characters): Pharmacology of Treating Human Disease
- c. Proposed Transcript Title (if full title is more than 40 characters): Pharmacology of Treating Human Disease
- d. Current Cross-listing: N/A OR Currently³ Cross-listed with (Prefix & Number): _____
 Proposed - ADD³ Cross-listing (Prefix & Number): _____
 Proposed - REMOVE^{3,4} Cross-listing (Prefix & Number): _____

Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours⁵ for each meeting pattern type.

Current:	<u>40</u> Lecture	_____ Laboratory ⁵	_____ Recitation	_____ Discussion	_____ Indep. Study
	_____ Clinical	_____ Colloquium	_____ Practicum	_____ Research	_____ Residency
	_____ Seminar	_____ Studio	_____ Other - Please explain: _____		
Proposed:	_____ Lecture	_____ Laboratory	_____ Recitation	_____ Discussion	_____ Indep. Study
	_____ Clinical	_____ Colloquium	_____ Practicum	_____ Research	_____ Residency
	_____ Seminar	_____ Studio	_____ Other - Please explain: _____		

- f. Current Grading System: Letter (A, B, C, etc.) Pass/Fail
 Proposed Grading System: Letter (A, B, C, etc.) Pass/Fail
- g. Current number of credit hours: 3 Proposed number of credit hours: 3

¹ See comment description regarding minor course change. Minor changes are sent directly from dean's office to Senate Council Chair. If Chair deems the change as "not minor," the form will be sent to appropriate academic Council for normal processing and contact person is informed.
² Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
³ Signature of the chair of the cross-listing department is required on the Signature Routing Log.
⁴ Removing a cross-listing does not drop the other course - it merely unlinks the two courses.
⁵ Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab meeting. Lab meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

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- h. Currently, is this course repeatable for additional credit? YES NO
- Proposed to be repeatable for additional credit? YES NO
- If YES: Maximum number of credit hours: _____
- If YES: Will this course allow multiple registrations during the same semester? YES NO

- i. Current Course Description for Bulletin: This course will provide students with a fundamental understanding of how pharmacology is used to develop drug used in medical practice.
- Proposed Course Description for Bulletin: Pharmacology of Treating Human Disease: This course will provide students with a fundamental understanding of the actions of drugs most commonly used in the treatment the major human diseases, drugs of abuse and those used in sports to enhance performance. This course is geared toward the pre-professional and others interested in a career in health care and research.

- j. Current Prerequisites, if any: _____
- Proposed Prerequisites, if any: BIO 350 and BIO 315.

- k. Current Distance Learning(DL) Status: N/A Already approved for DL* Please Add⁶ Please Drop
- *If already approved for DL, the Distance Learning Form must also be submitted unless the department affirms (by checking this box) that the proposed changes do not affect DL delivery.

- l. Current Supplementary Teaching Component, if any: Community-Based Experience Service Learning Both
- Proposed Supplementary Teaching Component: Community-Based Experience Service Learning Both

3. Currently, is this course taught off campus? YES NO
- Proposed to be taught off campus? YES NO

4. Are significant changes in content/teaching objectives of the course being proposed? YES NO
- If YES, explain and offer brief rationale:

5. Course Relationship to Program(s).

- a. Are there other depts and/or pgms that could be affected by the proposed change? YES NO
- If YES, identify the depts. and/or pgms: _____
- b. Will modifying this course result in a new requirement⁷ for ANY program? YES NO
- If YES⁷, list the program(s) here: _____

6. Information to be Placed on Syllabus.

- a. Check box if changed to 400G or 500. If changed to 400G- or 500-level course you must send in a syllabus and you must include the differentiation between undergraduate and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different grading criteria in the course for graduate students. (See SR 3.1.4.)

⁶ You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.

⁷ In order to change a program, a program change form must also be submitted.

**Pharmacology of Treating Human Disease
PHA 422G**

<i>Course Directors</i>	<i>Department</i>	<i>Offices</i>	<i>Phone</i>	<i>Email</i>
Michael Kilgore Hollie Swanson	Pharmacology	MN 354 MN 322	323-1821 323-1463	m.kilgore@uky.edu Hollie.Swanson@uky.edu
<i>Administrator</i> Deborah Turner	Pharmacology	MN306	323-6085	dturner@uky.edu

Course Description: The objectives of this course are:

1. To teach students the fundamental mechanisms of drug delivery and clearance and how these relate to the treatment of human disease.
2. To provide the students with a basic understanding to the molecular mechanism of the actions of selected drugs on human disease and treatment.
3. To allow students to understand the tools and mechanisms involved in the science of drug discovery.
4. Provide students with the tools to understand how an unfamiliar drug works, when its use is indicated and when its use might be contraindicated.

Student Learning outcomes: This course will prepare student to be able to:

1. Understand how drugs work and be able to access the literature to learn how an unknown drug works, determine its efficacious use and when it might be contradicted.
2. Prepare for students for careers in biomedical research, health care professionals, medicine, dentistry, pharmacy and other fields of study related to human health and disease.

Grading:

Examinations: There will be four examinations. For students taking this for undergraduate credits each exam will be worth 25% of the final grade. For those students receiving graduate credit, each exam will be worth 20% of the final grade (see below).

Research paper: Graduate and Post-baccalaureate students will be required to complete a research paper on a human disease not discussed in class that details the therapeutic approaches and the mechanism of action of drugs used. This assignment will account for the remaining 20% of their grade. The research paper will be graded as a percentage of 100 and calculated in the average to derive the final grade. This will be limited to 4 pages inclusive of tables and figures but exclusive of the literature cited. Acceptable references include Goodman and Gilman's The Pharmacological Basis of Therapeutics, Twelfth Edition, pubmed and other published sources. *General web references and commercial site will not be accepted.* The paper must use 12-point Times font, have no more than 1" margins and use 1.5 spacing.

provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Inclement weather

The University of Kentucky has a detailed policy for decisions to close in inclement weather. The snow policy is described in detail at http://www.uky.edu/PR/News/severe_weather.htm or you can call (859) 257-5684. In general, the University is not closed for severe weather, but the instructor may decide to cancel the class, in which case, s/he will post this information on Blackboard at <https://elearning.uky.edu/webapps/portal/frameset.jsp>

Excused absences – per (Senate Rule 5.2.4.2)

Students are expected to attend each class meeting unless s/he has been excused by the instructor. Failure to attend class may result in a lower grade. Missed exams due to illness or emergencies must be reported to the course director prior to the exam. You must call the instructor's office or email him at the numbers/address listed on the first page of this syllabus. When there is an excused absence, students will be given the opportunity to make up missed work and/or exams.

The following are typically accepted reasons for excused absences from exams:

1. Serious illness.
2. Illness or death of a family member.
3. Approved University-related trips.
4. Major religious holidays.
5. Other circumstances found to be "reasonable cause for nonattendance."⁵

Students anticipating an absence for a major religious occasion are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day for adding a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (257-2754).

Unexcused absences

A student who has unexcused absences in excess of five 2-hour classes will receive a failing grade for the course without regard for points earned through completed assignments. No makeup opportunities will be given for unexcused absences. Make-up exam. Students are expected to take exam at the times scheduled in the syllabus. Possible exceptions include verified serious illness, serious family emergency, subpoenas, jury duty, military service, religious observances, or a legitimate conflict with recognized University activities. If these apply, you must contact instructors to request a makeup. Make these arrangements as soon as you know of the conflict--BEFORE the exam. No make-up for assignment is allowed.

31	Parkinson's and Alzheimer's disease
32	Antianxiety agents
33	<u>Exam #3</u>
	<i>Therapeutic Agents</i>
34	Anticancer Agents
35	Pulmonary Pharmacology
36	GI Pharmacology
37	Antivirals
38	Antihistamine
	Endocrine drugs
39	The Endocrine system
40	Insulin and anti-diabetic drugs
41	Thyroid and Adrenal drugs
42	Pharmacology of sex hormones
43	Control of fertility
44	Drugs and sports
	<u>Exam #4</u>

Ellis, Janie

From: Nikou, Roshan
Sent: Friday, January 11, 2013 3:36 PM
To: Brothers, Sheila C; Ellis, Janie; Hanson, Roxie; Jackson, Brian A; Lindsay, Jim D.; Nikou, Roshan; Price, Cleo; Timoney, David M; Blonder, Lee
Cc: Andrade, Francisco H; Kuperstein, Janice; Hans, Jason
Subject: GC Transmittals
Attachments: PHA522to422G_Change_.pdf; PGY_603_Change.pdf; ENT 695 to be offered as DL course.pdf; AT_Program_Change.pdf; PhD Family Sciences (Adolescent Development).pdf

TO: Lee Blonder, Chair and Sheila Brothers, Coordinator
Senate Council

FROM: Brian Jackson, Chair and Roshan Nikou, Coordinator
Graduate Council

The Graduate Council approved the following proposals and is now forwarding it to the Senate Council to approve.

MS in Athletic Training
PhD in Family Sciences
ENT 695, Special Topics in Entomology
PGY 603, Design and Analysis
PHA 522, Pharmacology of Treating Human Disease

*Roshan Nikou
The Graduate School
The University of Kentucky
105 Gillis Building - 0033
Phone: (859) 257-1457
Fax: (859) 323-1928
Roshan.Nikou@uky.edu*

Ellis, Janie

From: Ett, Joanie M
Sent: Thursday, March 21, 2013 3:05 PM
To: Ellis, Janie
Cc: Brothers, Sheila C
Subject: PHA 522, WRD Minor
Attachments: PHA 522-Change.pdf; WRD Minor-new.pdf

Hi Janie,

Undergraduate Council has reviewed and recommends approval of the proposed changes to PHA 522. This course was sent to us via email by Sheila in January, requesting UGC approval.

UGC has also reviewed and recommends approval of the new WRD Minor. The BA/BS in WRD and some of the related WRD courses are currently being revised, and I will send those proposals as soon as UGC receives the revisions.

Thanks,
Joanie

Joanie Ett-Mims
Undergraduate Education
University of Kentucky
113 Bowman Hall
Lexington, KY 40506-0059
(859)257-9039 Phone
(859)257-1455 Fax
joanie.ett-mims@uky.edu

Ellis, Janie

From: Ett, Joanie M
Sent: Friday, March 15, 2013 9:40 AM
To: Ellis, Janie
Subject: RE: PHA 522

It was approved, pending a couple of revisions to the syllabus. I just contacted the course proposer to request those, and I will send the proposal to you when we have received the revisions.

Thanks,
Joanie

From: Ellis, Janie
Sent: Friday, March 15, 2013 9:38 AM
To: Ett, Joanie M
Subject: RE: PHA 522

Joanie, was this approved by the UC?

Janie
257-5871

From: Ett, Joanie M
Sent: Tuesday, February 26, 2013 4:01 PM
To: Ellis, Janie
Subject: RE: PHA 522

PHA 522 will be presented at our UGC meeting on March 5. If there are any revisions needed, I will be in touch with the course proposer.

Thanks,
Joanie

From: Ellis, Janie
Sent: Tuesday, February 26, 2013 9:10 AM
To: Ett, Joanie M
Subject: PHA 522

Joanie,
Sheila had sent an email regarding the above on 1/15/13 indicating it needs Undergraduate approval. Can you let me know when we can expect to receive the approval?

Thanks

Janie Ellis
Office of the Senate Council
257-5871

Ellis, Janie

From: Ett, Joanie M
Sent: Tuesday, February 26, 2013 4:01 PM
To: Ellis, Janie
Subject: RE: PHA 522

PHA 522 will be presented at our UGC meeting on March 5. If there are any revisions needed, I will be in touch with the course proposer.

Thanks,
Joanie

From: Ellis, Janie
Sent: Tuesday, February 26, 2013 9:10 AM
To: Ett, Joanie M
Subject: PHA 522

Joanie,
Sheila had sent an email regarding the above on 1/15/13 indicating it needs Undergraduate approval. Can you let me know when we can expect to receive the approval?

Thanks

Janie Ellis
Office of the Senate Council
257-5871

Ellis, Janie

From: Ett, Joanie M
Sent: Tuesday, February 26, 2013 9:39 AM
To: Ellis, Janie
Subject: RE: PHA 522

Hi Janie,

This was assigned to two investigators in January, but I haven't heard any updates on their review. I will check with them to see where it stands.

Thanks,
Joanie

From: Ellis, Janie
Sent: Tuesday, February 26, 2013 9:10 AM
To: Ett, Joanie M
Subject: PHA 522

Joanie,
Sheila had sent an email regarding the above on 1/15/13 indicating it needs Undergraduate approval. Can you let me know when we can expect to receive the approval?

Thanks

Janie Ellis
Office of the Senate Council
257-5871

Ellis, Janie

From: Ellis, Janie
Sent: Tuesday, February 26, 2013 9:07 AM
To: Ett, Joanie M
Subject: PHA 522

Joanie,
Sheila had sent an email regarding the above on 1/15/13 indicating it needs Undergraduate approval. Can you let me know when we can expect to receive the approval?

Thanks

Janie Ellis
Office of the Senate Council
257-5871

Brothers, Sheila C

From: Brothers, Sheila C
Sent: Tuesday, January 15, 2013 2:52 PM
To: Ett, Joanie M
Cc: Ellis, Janie
Subject: FW: GC Transmittals
Attachments: PHA522to422G_Change_.pdf; PGY_603_Change.pdf; ENT 695 to be offered as DL course.pdf; AT_Program_Change.pdf; PhD Family Sciences (Adolescent Development).pdf

Hi, Joanie. I saw you weren't copied on the transmittal from the GC, below. PHA 522 has received approval from the HCCC and GC, but now needs UC approval.

Thank you!

Sheila

Staff Representative to the Board of Trustees
Office of the Senate Council
Phone: (859) 257-5872

From: Nikou, Roshan
Sent: Friday, January 11, 2013 3:36 PM
To: Brothers, Sheila C; Ellis, Janie; Hanson, Roxie; Jackson, Brian A; Lindsay, Jim D.; Nikou, Roshan; Price, Cleo; Timoney, David M; Blonder, Lee
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