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OFFICE OF THE
SENATE COUNCIL

1. General Information

1a. Submitted by the College of: PHARMACY

Date Submitted: 1/13/2016

1b. Department/Division: Pharmaceutical Sciences

1c. Contact Person

Name: Greg Graf, Ph.D.

Email: Gregory.Graf@uky.edu

Phone: 257-4749

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: PHS 711

2c. Full Title: Fundamentals of BioEthics

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

LECTURE: 1

DISCUSSION: 1

2g. Grading System: Graduate School Grade Scale

2h. Number of credit hours: 2

2i. Is this course repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester?

2j. **Course Description for Bulletin:** Research scientists require an understanding of the fundamental principles guiding the ethical and responsible conduct and reporting of their research. Through case studies and reviews of the current literature, students will gain a greater understanding of the ethical and regulatory considerations in research design, conduct, and publication as well as the regulatory landscape governing fiscal compliance, scientific misconduct, research involving vulnerable populations, tissue banking, genetics/genomics, intellectual property, privacy, and data security. The importance of inclusion and diversity of individuals from underrepresented groups, those with disabilities, and individuals from economically disadvantaged backgrounds as investigators is also discussed. Students engage in didactic lectures, small-group breakout discussion sessions, and out of class learning activities to facilitate in-depth training and greater understanding of the relevant issues.

2k. **Prerequisites, if any:** Consent of Instructor

2l. **Supplementary Teaching Component:**

3. **Will this course taught off campus?** No

If YES, enter the off campus address:

4. **Frequency of Course Offering:** Spring,

Will the course be offered every year?: Yes

If No, explain:

5. **Are facilities and personnel necessary for the proposed new course available?:** Yes

If No, explain:

6. **What enrollment (per section per semester) may reasonably be expected?:** 15-20

7. **Anticipated Student Demand**

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: Yes

If Yes, explain: Bioethics training is a requirement for virtually all federally funded training programs as well as many foundation-supported fellowships. Many students outside of Pharmaceutical Sciences will need this type of course.

8. **Check the category most applicable to this course:** Relatively New – Now Being Widely Established,

If No, explain:

9. **Course Relationship to Program(s).**

a. **Is this course part of a proposed new program?:** No

If YES, name the proposed new program:

b. **Will this course be a new requirement for ANY program?:** No

If YES, list affected programs:

10. **Information to be Placed on Syllabus.**

a. **Is the course 400G or 500?:** No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached: No

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|CHAPPELL|Joseph Chappell|PHS 711 NEW Dept Review|20150928

SIGNATURE|FROMA2|Frank Romanelli|PHS 711 NEW College Review|20150929

SIGNATURE|JDLIND2|Jim D Lindsay|PHS 711 NEW HCCC Review|20151021

SIGNATURE|ZNNIKO0|Roshan Nikou|PHS 711 NEW Graduate Council Review|20160112

New Course Form

<https://myuk.uky.edu/sap/bc/soap/ffc?services=>

Generate R

Open in full window to print or save

Attachments:

Upload File

ID	Attachment
Delete 6090	PHS711 BioEthics Syllabus 1-12-2016.pdf

1

(*denotes required fields)

1. General Information

a. * Submitted by the College of: Submission Date:

b. * Department/Division:

c. * Contact Person Name: Email: Phone:

* Responsible Faculty ID (if different from Contact) Email: Phone:

d. * Requested Effective Date: Semester following approval OR Specific Term/Year

e. Should this course be a UK Core Course? Yes No

If YES, check the areas that apply:

Inquiry - Arts & Creativity Composition & Communications - II

Inquiry - Humanities Quantitative Foundations

Inquiry - Nat/Math/Phys Sci Statistical Inferential Reasoning

Inquiry - Social Sciences U.S. Citizenship, Community, Diversity

Composition & Communications - I Global Dynamics

2. Designation and Description of Proposed Course.

a. * Will this course also be offered through Distance Learning? Yes No

b. * Prefix and Number:

c. * Full Title:

d. Transcript Title (if full title is more than 40 characters):

e. To be Cross-Listed ² with (Prefix and Number):

f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours³ for each meeting pattern type.

<input checked="" type="checkbox"/> Lecture	<input type="checkbox"/> Laboratory ¹	<input type="checkbox"/> Recitation	<input checked="" type="checkbox"/> Discussion
<input type="checkbox"/> Indep. Study	<input type="checkbox"/> Clinical	<input type="checkbox"/> Colloquium	<input type="checkbox"/> Practicum
<input type="checkbox"/> Research	<input type="checkbox"/> Residency	<input type="checkbox"/> Seminar	<input type="checkbox"/> Studio
<input type="checkbox"/> Other	If Other, Please explain: <input type="text"/>		

g. * Identify a grading system:

Letter (A, B, C, etc.)

Pass/Fail

Medicine Numeric Grade (Non-medical students will receive a letter grade)

Graduate School Grade Scale

h. * Number of credits:

i. * Is this course 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

j. * Course Description for Bulletin:

Research scientists require an understanding of the fundamental principles guiding the ethical and responsible conduct and reporting of their research. Through case studies and reviews of the current literature, students will gain a greater understanding of the ethical and regulatory considerations in research design, conduct, and publication as well as the regulatory landscape governing fiscal compliance, scientific misconduct, research involving vulnerable populations, tissue banking, genetics/genomics, intellectual property, privacy, and data security. The importance of inclusion and diversity of individuals from underrepresented groups, those with disabilities, and individuals from economically disadvantaged backgrounds as investigators is also discussed. Students engage in didactic lectures, small-group breakout discussion sessions, and out of class learning activities to facilitate in-depth training and greater

k. Prerequisites, if any:

Consent of Instructor

l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both

3. * Will this course be taught off campus? Yes No

If YES, enter the off campus address:

4. Frequency of Course Offering.

a. * Course will be offered (check all that apply): Fall Spring Summer Winter

b. * Will the course be offered every year? Yes No

If No, explain:

5. * Are facilities and personnel necessary for the proposed new course available? Yes No

If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 15-20

7. Anticipated Student Demand.

a. * Will this course serve students primarily within the degree program? Yes No

b. * Will it be of interest to a significant number of students outside the degree pgm? Yes No

If YES, explain:

Bioethics training is a requirement for virtually all federally funded training programs as well as many foundation-supported fellowships. Many students outside of Pharmaceutical Sciences will need this

8. * Check the category most applicable to this course:

Traditional – Offered in Corresponding Departments at Universities Elsewhere

Relatively New – Now Being Widely Established

Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. * Is this course part of a proposed new program? Yes No

If YES, name the proposed new program:

b. * Will this course be a new requirement² for ANY program? Yes No

If YES², list affected programs:

10. Information to be Placed on Syllabus.

a. * Is the course 400G or 500? Yes No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b. * The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable 10.a above) are attached.

¹ Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
² The chair of the cross-listing department must sign off on the Signature Routing Log.

- ▣ In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, is two hours per week for a semester for one credit hour. (from SR 5.2.1)
- ▣ You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.
- ▣ In order to change a program, a program change form must also be submitted.

Rev 8/09

**PHS 711: Fundamentals of BioEthics (2 credit hours)
Fall 2015 Semester**

Course meetings *(This course meets once per week for 2 hours)*

Lecture	Monday 3:00 pm – 4:00 pm	234 Bio Pharm
Breakout Session	Monday 4:00 pm – 4:50 pm	Bio Pharm Group Learning Rooms

<u>Course Coordinator</u>	<u>Office</u>	<u>Phone</u>	<u>Email</u>
Gregory Graf	345 Bio Pharm	257-4749	Gregory.Graf@uky.edu

Academic Credit

This course is open to all researchers, graduate students and professional students. This syllabus describes requirements for professional and graduate students who are formally enrolled in the course for academic credit.

Course Objectives

- Gain an in-depth understanding of the key issues in the ethical and responsible conduct of research.
- Develop an appreciation for the gravity of research misconduct and how to handle suspected or documented misconduct.
- Understand current animal and human subject protection standards.
- Understand the importance of inclusion and diversity of persons from underrepresented populations as investigators.

Course Description

Research scientists require an understanding of the fundamental principles guiding the ethical and responsible conduct of research (RCR). Through didactic lectures, reviews of various regulations, case studies and small-group discussions, students will gain a greater understanding of the ethical and regulatory considerations in research design, conduct, and reporting as well as the regulatory landscape governing fiscal compliance, scientific misconduct, research involving vulnerable populations, tissue banking, genetics/genomics, intellectual property, privacy, and data security. The importance of the inclusion of individuals from underrepresented groups, those with disabilities, and individuals from economically disadvantaged backgrounds in both the biomedical work force and study is also discussed. The course fosters practical knowledge that is tailored to each student's area of research through the small-group breakout sessions that are led by faculty members in the same or related field. The diverse backgrounds, experiences and interests of participating students and faculty provide a platform to develop an appreciation for the diversity of thought that leads to ethical dilemmas. If not already completed, each student will complete on-line training required for their particular research such as those required for the use of laboratory animals, human subjects research and HIPPA, biological safety, Occupational Health and others.

Prerequisites

This course is designed for students, fellows and their mentors pursuing research training in basic, clinical and translational science. Permission is required from the Course Director for entry into the class.

Canvas

All of the class material will be available online using the Canvas Course Management System. All of the PowerPoint presentations and accompanying references will be located in Files. Lectures will be recorded and are available in the Echo360 tab. <https://ukidp.uky.edu/idp/Authn/UserPassword>

Assigned Readings

Assigned readings will be provided in advance of lectures and break-out sessions. There is no text for this course.

Written Assignments

Assigned readings are expected to be read prior to lectures in order familiarize students with the topic of the day and facilitate the discussion. Following the lecture and break-out session, a brief summary of the main issues as well as opinions from the students will be submitted in the Canvas Course Shell. Additional discussions may also be held within the Canvas platform.

Course Expectations

Learning is facilitated through a combination of classroom lectures/discussion, small group discussions, assigned readings, seminars, and written activities.

1. **Participation in class discussions.** Due to the nature of this course, there is no substitute for attendance and participation in class discussions (see attendance policy). Active engagement in both the didactic and small group sessions as well as the mock review is required.
2. **Command of recommended readings.** Because the course is designed to promote discussion of the ethics associated with interdisciplinary research, students have a responsibility to the class as a whole to be prepared for discussion of recommended readings.
3. **Written synopses of readings, lecture, and discussion.** Although brief, summaries will be evaluated for content and clarity as well as a command of the topic.

Attendance

Attendance at all course meetings is required. All decisions regarding excused and unexcused attendance will be at the final discretion of the Course Coordinator. Students are expected to remediate missed material for both excused and unexcused absences in consultation with the course director. Two unexcused absences results in a one letter grade drop. In the event of an unanticipated closing of the University, all classes are cancelled and the coursework made up during the remaining time in the semester.

Excused Absences

Students need to notify the professor of absences prior to class when possible. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737) http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php.

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per Senate Rule 5.2.4.2, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

Verification of Absences

Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

Grading

Grades will be determined by a combination of attendance, participation in class and small group discussions, and written assignments. The course will be graded on the basis of 500 total points. In general, it is the Course Coordinator’s grading philosophy to allocate full point value as long as reasonable effort has been directed towards a given activity; sloppy or incomplete work, however, will result in the forfeiture of points. Late submission of written activities will result in a 10% penalty per day. Final letter grades will be assigned by the Course Coordinator.

	<u>Points</u>	<u>Letter Grade</u>	<u>Total Points</u>
Lecture Attendance/Participation	200	A	500 – 400
Synopses of Discussions	150	B	399 – 300
Written Responses to Case Studies	150	C	299 – 200
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 500	E	199 & below

Accommodations due to disability

Students with documented condition requiring academic accommodations must notify the course coordinator as soon as possible during scheduled office hours. To receive accommodations in this course, a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) must be provided.

Academic Integrity:

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Section 6.3.1 of *Student Rights and Responsibilities* (available online <http://www.uky.edu/StudentAffairs/Code/Section%20VI.pdf>) states: *all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.*

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain.

Please note: Any submitted assignment may be subjected to an electronic database to check for plagiarism.

Evaluations

The University policy on faculty performance review requires student evaluation of teaching for every course every semester (didactic and experiential). Evaluations of instructors are important to the College of Pharmacy. The College strives to continually improve and uplift its curriculum and teaching. Constructive criticism is valued. Course evaluations are used as part of the information for faculty evaluations, assignments for courses and curricular changes. Information is collected from students near the end of each semester, compiled and shared with individual faculty members, department chairs and the dean. Course evaluation is managed through an online program called CoursEval; notices are sent via email, with personalized username and password.

Schedule		
Week	Topic	Lecturer
Aug 31	Syllabus Overview & Course Expectations Mentor Mentee Relationships	Graf Smyth, Susan
Sept 7	Labor Day Holiday – No Class	
Sept 14	Responsible Authorship	Daugherty, Alan
Sept 21	Ethical Issues in Data Interpretation	Stromberg, Arnold
Sept 28	Ethics in the Use of Vertebrate Animals	Tirado-Muniz, Noe
Oct 5	Ethical Issues in Research Administration: Emphasis on Financial Issues	Scott, Sean
Oct 12	Conflict of Interest	Carter, Kim & Davis, Kelly
Oct 19	Ethical Issues in Human Resource Management	Wilson, Kim & Carwile, Debbie
Oct 26	Diversity and Inclusivity	Allen, Terry
Nov 2	Management of Research Data	Cassis, Lisa
Nov 9	HIPAA and Privacy for Human Subjects	Talbert, Jeff
Nov 16	Ethics of Using Human Subjects	Bill Stoops
Nov 23	Intellectual Property: Rights, Responsibilities, Ethical Dilemmas	Fink, Joseph
Nov 30	Research Misconduct	Selwitz, Ada Sue
Dec 7	Ethical Issues Requiring Legal Intervention	Adams, Katherine