

RECEIVED

DEC 19 2013

Course Information

Date Submitted: 2/22/2013

Current Prefix and Number: HHS - Human Health Sciences, HHS 455 RESEARCH EXPERIENCE IN HHS

OFFICE OF THE
SENATE COUNCIL

Other Course:

Proposed Prefix and Number: HHS 455

What type of change is being proposed?

Major Change

Should this course be a UK Core Course? No

1. General Information

a. Submitted by the College of: College of Health Sciences

b. Department/Division: Clinical Sciences

c. Is there a change in 'ownership' of the course? No

If YES, what college/department will offer the course instead: Select...

e. Contact Person

Name: Geza Bruckner

Email: gbruckn@uky.edu

Phone: 80859

Responsible Faculty ID (if different from Contact)

Name: Gilson Capilouto

Email: gjcapi1@uky.edu

Phone: 80555

f. Requested Effective Date

Semester Following Approval: Yes OR Effective Semester:

2. Designation and Description of Proposed Course

a. Current Distance Learning (DL) Status: N/A

b. Full Title: Research Experience in Human Health Sciences

Proposed Title: Research Experience in Human Health Sciences

c. Current Transcript Title: RESEARCH EXPERIENCE IN HHS

Proposed Transcript Title: RESEARCH EXPERIENCE IN HHS

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

RESEARCH: 1-9

Proposed Meeting Patterns

RESEARCH: 1-12

f. Current Grading System: ABC Letter Grade Scale

Proposed Grading System: PropGradingSys

g. Current number of credit hours: 1 - 3 (variable)

Proposed number of credit hours: 1-3

h. Currently, is this course repeatable for additional credit? Yes

Proposed to be repeatable for additional credit? Yes

If Yes: Maximum number of credit hours: 12

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

2i. Current Course Description for Bulletin: Students complete a mentored, self-directed research experience. Students work with faculty to develop an experience of mutual scientific interest. The nature of the experience and the subsequent activities and expected outcomes are defined and outlined in the research contract between the student and mentor.

Proposed Course Description for Bulletin: SAME

2j. Current Prerequisites, if any: SAME

Proposed Prerequisites, if any:

2k. Current Supplementary Teaching Component:

Proposed Supplementary Teaching Component:

3. Currently, is this course taught off campus? No

Proposed to be taught off campus? No

If YES, enter the off campus address:

4. Are significant changes in content/student learning outcomes of the course being proposed? No

If YES, explain and offer brief rationale:

5a. Are there other depts. and/or pgms that could be affected by the proposed change? No

If YES, identify the depts. and/or pgms:

5b. Will modifying this course result in a new requirement of ANY program? No

If YES, list the program(s) here:

6. Check box if changed to 400G or 500: 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|KOSKAF0|Karen O Skaff|Dept approval for ZCOURSE_CHANGE HHS 455|20130205

SIGNATURE|JDLIND2|Jim D Lindsay|HCCC approval for ZCOURSE_CHANGE HHS 455|20130320

SIGNATURE|CPTHUR0|Christopher P Thuringer|Undergrad Council approval for ZCOURSE_CHANGE HHS 455|20131219

SIGNATURE|PNASH|Phyllis J Nash|College approval for ZCOURSE_CHANGE HHS 455|20130226

SIGNATURE|KOSKAF0|Karen O Skaff|Dept approval for ZCOURSE_CHANGE HHS 455|20130205

SIGNATURE|PNASH|Phyllis J Nash|College approval for ZCOURSE_CHANGE HHS 455|20130226

Courses | **Request Tracking**

Course Change Form

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

Open in full window to print or save

Generate R

Attachments:

Browse... Upload File

ID	Attachment
Delete 1458	HHS 455.pdf

First 1 Last

Select saved project to retrieve... Get New

NOTE: Start form entry by choosing the Current Prefix and Number (*denotes required fields)

Current Prefix and Number:	HHS - Human Health Sciences HHS 455 RESEARCH EXPERIENCE IN HHS	Proposed Prefix & Number:	HHS 455
* What type of change is being proposed?		<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Major - Add Distance Learning <input type="checkbox"/> Minor - change in number within the same hundred series, except 799 is the same "hundred series" <input type="checkbox"/> Minor - editorial change in course title or description which does change in content or emphasis <input type="checkbox"/> Minor - a change in prerequisite(s) which does not imply a change in course content or emphasis, or which is made necessary by the edit or significant alteration of the prerequisite(s) <input type="checkbox"/> Minor - a cross listing of a course as described above	
Should this course be a UK Core Course? <input type="radio"/> Yes <input checked="" type="radio"/> No If YES, check the areas that apply:			
<input type="checkbox"/> Inquiry - Arts & Creativity <input type="checkbox"/> Composition & Communications - II <input type="checkbox"/> Inquiry - Humanities <input type="checkbox"/> Quantitative Foundations <input type="checkbox"/> Inquiry - Nat/Math/Phys Sci <input type="checkbox"/> Statistical Inferential Reasoning <input type="checkbox"/> Inquiry - Social Sciences <input type="checkbox"/> U.S. Citizenship, Community, Diversity <input type="checkbox"/> Composition & Communications - I <input type="checkbox"/> Global Dynamics			
1. General Information			
a. Submitted by the College of:		College of Health Sciences	
Submission Date:		2/22/2013	
b. Department/Division:		Clinical Sciences	
c.* Is there a change in "ownership" of the course? <input type="radio"/> Yes <input checked="" type="radio"/> No If YES, what college/department will offer the course instead? Select...			
e.* * Contact Person Name:		Geza Bruckner Email: gbruckn@uky.edu Phone: 80859	
* Responsible Faculty ID (if different from Contact):		Gilson Capitouto Email: gjcapi1@uky.edu Phone: 80555	
f.* Requested Effective Date:		<input checked="" type="checkbox"/> Semester Following Approval OR Specific Term: A	
2. Designation and Description of Proposed Course.			
a. Current Distance Learning(DL) Status:		<input checked="" type="radio"/> N/A <input type="radio"/> Already approved for DL* <input type="radio"/> Please Add <input type="radio"/> Please Drop	
*If already approved for DL, the Distance Learning Form must also be submitted <u>unless</u> the department affirms (by checking this box) that the proposed change affect DL delivery.			
b. Full Title:		Research Experience in Human Health Sciences	
Proposed Title: *		Research Experience in Human Health Sciences	

c. Current Transcript Title (if full title is more than 40 characters):		RESEARCH EXPERIENCE IN HHS			
c. Proposed Transcript Title (if full title is more than 40 characters):		RESEARCH EXPERIENCE IN HHS			
d. Current Cross-listing:	<input checked="" type="checkbox"/> N/A	OR	Currently ² Cross-listed with (Prefix & Number):	none	
Proposed – ADD ³ Cross-listing (Prefix & Number):					
Proposed – REMOVE ^{3,4} Cross-listing (Prefix & Number):					
e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours ⁵ for each meeting pattern					
Current:	Lecture	Laboratory ⁵	Recitation	Discussion	Indep. Study
	Clinical	Colloquium	Practicum	Research 1-9	Residency
	Seminar	Studio	Other	Please explain:	
Proposed: *	Lecture	Laboratory ⁵	Recitation	Discussion	Indep. Study
	Clinical	Colloquium	Practicum	Research 1-12	Residency
	Seminar	Studio	Other	Please explain:	
f. Current Grading System:	ABC Letter Grade Scale				
Proposed Grading System:*	<input checked="" type="radio"/> Letter (A, B, C, etc.) <input type="radio"/> Pass/Fail <input type="radio"/> Medicine Numeric Grade (Non-medical students will receive a letter grade) <input type="radio"/> Graduate School Grade Scale				
g. Current number of credit hours:	1 - 3 (variable)	Proposed number of credit hours:*	1-3		
h.* Currently, is this course repeatable for additional credit?					<input checked="" type="radio"/> Yes <input type="radio"/> No
* Proposed to be repeatable for additional credit?					<input checked="" type="radio"/> Yes <input type="radio"/> No
If YES:	Maximum number of credit hours:	12			
If YES:	Will this course allow multiple registrations during the same semester?				<input checked="" type="radio"/> Yes <input type="radio"/> No
i. Current Course Description for Bulletin:					
Students complete a mentored, self-directed research experience. Students work with faculty to develop an experience of mutual scientific interest. The nature of the experience and the subsequent activities and expected outcomes are defined and outlined in the research contract between the student and mentor.					
* Proposed Course Description for Bulletin:					
SAME					
j. Current Prerequisites, if any:					
SAME					
* Proposed Prerequisites, if any:					

k.	Current Supplementary Teaching Component, if any:	<input type="radio"/> Community-Based Experience <input type="radio"/> Service Learning <input type="radio"/> Both
	Proposed Supplementary Teaching Component:	<input type="radio"/> Community-Based Experience <input type="radio"/> Service Learning <input type="radio"/> Both <input type="radio"/> No Change
3.	Currently, is this course taught off campus?	<input type="radio"/> Yes <input checked="" type="radio"/> No
*	Proposed to be taught off campus?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If YES, enter the off campus address:	
4.*	Are significant changes in content/student learning outcomes of the course being proposed?	<input type="radio"/> Yes <input checked="" type="radio"/> 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?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If YES, identify the depts. and/or pgms:	
b.*	Will modifying this course result in a new requirement ² for ANY program?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If YES ² , list the program(s) here:	
6.	Information to be Placed on Syllabus.	
a.	<input type="checkbox"/> 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 under and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different gra in the course for graduate students. (See SR 3.1.4.)

¹See 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 t appropriate academic Council for normal processing and contact person is informed.

²Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

³Signature of the chair of the cross-listing department is required on the Signature Routing Log.

⁴Removing a cross-listing does not drop the other course – it merely unlinks the two courses.

⁵Generally, 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 gene least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

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

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

Submit as New Proposal Save Current Changes

**University of Kentucky
College of Health Sciences
Department of Clinical Sciences**

HHS 455: Research Experience in Human Health Sciences
Section TBA 12
Course Credits: 1 – 3; repeatable for up to 6 credits

COURSE MEETING DAYS AND TIMES: TBD

COURSE MEETING LOCATION: TBD

INSTRUCTOR INFORMATION:

Instructor: Gilson Capilouto

Office phone #: 218-0555

Office address: CTW 124G

Email address: gicapi2@uky.edu

Preferred method for reaching instructor: email or phone

Office Hours: By appointment. Faculty members are in the office almost every day, but we often have appointments and obligations outside the office. The best strategy is to call or email faculty members in advance to schedule an appointment.

COURSE DESCRIPTION: Students complete a mentored, self-directed research experience. Students work with faculty to develop an experience of mutual scientific interest. The nature of the experience and the subsequent activities and expected outcomes are defined and outlined in the research contract between the student and mentor. Prerequisite: Consent of instructor.

COURSE GOALS: The purpose of this course is to provide students with experience in planning, conducting, evaluating, and reporting on a research topic of interest under the mentorship of a faculty member.

STUDENT LEARNING OUTCOMES:

By the end of the course, the student will:

- Successfully complete research ethics education (human subjects or animal care and use) as directed by the mentor at <http://www.citiprogram.org/>
- Demonstrates knowledge about health science topics relevant to the research project in writing or orally as most appropriate for the experience
- Summarize the logistics and real-world factors for conducting research acquired through the project experience
- Be able to contribute to and participate in various aspects of the research process including, but not limited to, hypothesis generation, methodology development, data collection, data entry, data analysis, data interpretation, and dissemination of findings

REQUIRED TEXT AND READINGS: Readings appropriate to the research project will be negotiated between the faculty member and student as part of the research contract.

COURSE CONTENT: Students in this course will engage in self-directed, independent work under the direction of a faculty mentor in an area of mutual scientific interest. The Research Experience may be mentored by any member of the HHS faculty or by faculty in other colleges. Archival or library research, field research and laboratory research are all acceptable modes of inquiry for this project. Projects

designed to meet the requirements of this course must receive a letter grade (no "Pass/Fail" option). Expectations with respect to project aims, activities and expected outcomes are determined in consultation with mentor and should be clearly stated in the Research Experience Contract (contained herein) before registering for the course. The contract is signed by the student, faculty research mentor and Director of Undergraduate Research for the College of Health Sciences.

Content and activities considered to be part of the research experience are outlined by the faculty mentor in cooperation with the student using the attached contract. The contract will indicate due dates for assignments and tasks and components that contribute to the determination of the course grade.

How to get started:

Getting an idea:

- Review notes and books from classes and class topics you enjoyed
- Talk with friends and with faculty who have completed projects and learn what they valued most about the experience (<http://www.uky.edu/UGResearch/SPUR.html>)
- Review your academic career: What has excited you? What questions intrigue you and remain unexamined? What would you like to accomplish in your undergraduate education that you have not yet been able to do?
- Meet with the Director of Undergraduate Research for the CHS; Dr. Capilouto (gjcapi2@uky.edu)

Identifying a mentor:

- After you have some ideas, search through the CHS database of research opportunities to identify a mentor.
- Contact the mentor to schedule an appointment.
- Be prepared to discuss your idea as well as the activities/tasks you feel would be appropriate for the project.
- Complete the research contract and collect all necessary signatures.

General Expectations¹ (Note: stated expectations for the time spent in the lab/on research is exclusive of additional assignments or activities beyond the time actually engaged in the lab)

Fall or Spring Semester

For a one credit hour commitment

- Student would be expected to spend 2 – 3 hours per week, for 9-12 weeks, in the research experience

For a 2 credit hour commitment

- Student would be expected to spend 4 - 5 hours per week, for 9-12 weeks, in the research experience

For a 3 credit hour commitment

- Student would be expected to spend 6 - 8 hours per week, for 9-12 weeks, in the research experience

Eight -week Summer Session

For a one credit hour commitment

- Student would be expected to spend 4 – 6 hours per week, for 8 weeks, in the research experience

For a 2 credit hour commitment

- Student would be expected to spend 5 -8 hours per week, for 8 weeks, in the research experience

For a 3 credit hour commitment

- Student would be expected to spend 9 - 12 hours per week, for 8 weeks, in the research experience

¹ Commitment may be voluntary, i.e. in the absence of formal course credit.

GRADING:

Evaluation Components: The evaluation components, point values, and percent contribution to the final grade will be discussed with the mentor and delineated in the contract.

Grading Scale: The following grading system will be used.

<i>Percent</i>	<i>Grade</i>
90- 100	A
80- 89	B
70- 79	C
60- 69	D
<60	E

Your midterm grade will be available to you on (date). There is no final examination.

COURSE POLICIES

Academic accommodations due to disability: If you have a documented disability that requires academic accommodations, please see the instructor as soon as possible. In order to receive accommodations in this course, you must provide the instructor 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.

Attendance: Though an independent research experience requires no class time, there must be regular contact, as directed and outlined in the contract, with the supervising faculty member. Regular contact with your mentor will involve discussion, advising, and constructive criticism. However, you are personally responsible for the development and progress of the experience. In addition to face-to-face meetings, email and phone contact is also encouraged.

Excused absences: Senate Rule 5.2.4.2 defines the following as acceptable reasons for excused absences: serious illness; illness or death of family member; University-related trips; major religious holidays; and other circumstances the instructor may find to be 'reasonable cause for nonattendance.'

Make-up opportunity: When there is an excused absence, you will be given the opportunity to make-up missed work. It is your responsibility to inform the instructor of the absence and make arrangements for making up missed work, preferably in advance, but no later than one week after it.

Verification of absences: 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. The University Health Services (UHS) provides a printed statement that specifies that the University Health Services does not give excuses for absences from class due to illness or injury. At the discretion of the instructor, you may be asked to sign a release of information that will give permission for the staff to talk with the instructor to verify that you kept an appointment with University Health Services (especially when there has been multiple or prolonged absences from class). This form is available on the University Health Services Web Page: <http://www.uky.edu/StudentAffairs/UHS/>.

Late Assignments: Unless PRIOR arrangements are made between the student and mentor, assignments submitted late will be penalized 10% for each day beyond the due date.

Academic integrity, cheating, and plagiarism: Academic honesty is expected in this course, and any kind of plagiarism or other forms of cheating will not be tolerated. Policies related to cheating and/or plagiarism can be found in the University Senate Rules Section 6.3.0. If it is determined that a student has engaged in cheating, the minimum resulting penalty is a '0' for the assignment, and penalties may be much more severe.

For more information on what constitutes plagiarism, you should read: "Plagiarism: What is it?" at <http://www.uky.edu/Ombud/Plagiarism.pdf>. The Ombud web site also includes a link to a Prentice Hall Companion Website "Understanding Plagiarism" http://wps.prenhall.com/hss_understand_plagiarism_1/0,6622,427064-,00.html. The site includes brief quizzes on related topics.

Classroom behavior, decorum and civility. In addition to cheating and plagiarism, classroom demeanor is an increasingly significant problem on campus (and nationally). This issue extends to individual interactions between students and instructors in mentoring relationships. You are expected to respect the dignity of all and to value differences among members of our academic community. You clearly have the right to take reasoned exception and to voice opinions contrary to those offered by the instructor and/or other students (S.R. 6.1.2), but this should be done with respect. Equally, a faculty member has the right - and the responsibility -- to ensure that all academic discourse occurs in a context characterized by respect and civility. Obviously, the accepted level of civility does not include attacks of a personal nature or statements denigrating another on the basis of race, sex, religion, sexual orientation, age, national/regional origin or other such irrelevant factors.

Professional preparation: Students are expected to demonstrate professional behavior that is ethical, respectful of other professions, demonstrates sensitivity to individuals, regardless of their gender, religion, race, or ethnicity. For specific information about behavioral expectations, students should refer to guidelines provided by their chosen profession.

HHS 455: Research Experience in Health Sciences: Contract

Student Name/Rank/Major:

Description of experience (goals, objectives):

Tasks for Completing Objectives (with timelines as needed; required readings should be included here):

Criteria for Assessment (Activities and Products with due dates, point value and percent of grade):

GRADING: The following grading system will be used.

<i>Percent</i>	<i>Grade</i>
90-100	A
80- 89	B
70- 79	C
60- 69	D
<60	E

Faculty Mentor Signature: _____ **Date:** _____

Student Signature: _____ **Date:** _____

Director, Undergraduate Research: _____ **Date:** _____

After approval, copies of the contract will be distributed to:

1. Student
2. Student's File – kept with the DUR (research office)
3. Faculty Mentor