REQUEST TO CHANGE DOCTORAL DEGREE PROGRAM

GENERAL INFORMATION

College:	Medicine	Department:	Nutritional Sciences
Current Major Name:	Nutritional Sciences	Proposed Major Name:	same
Current Degree Title:	Ph.D.	Proposed Degree Title:	same
Current Formal Option(s):	N/A	Proposed Formal Option(s):	_____
Current Specialty Fields w/in Formal Option:	N/A	Proposed Specialty Fields w/in Formal Option:	_____

Date of Contact with Associate Provost for Academic Administration[1]:	no one with that title on provost website				
Bulletin (yr & pgs):	2012-3, p 245	CIP Code[1]:	30.1901	Today's Date:	October 8, 2013
Accrediting agency (if applicable):	N/A				
Requested Effective Date:	☒ Semester following approval.	OR	☐ Specific Date[2]:	_____	
Dept Contact Person:	Howard P. Glauert	Phone:	257-7789	Email:	hglauert@uky.edu

CHANGE(S) IN PROGRAM REQUIREMENTS

	Current	*Proposed*
1. Number of transfer credits allowed:	9	*same*
(Maximum is Graduate School limit of total of 9 hours (or 25% of the credit hours needed to fulfill the pre-qualifying residency requirement.)		
2. Residence requirement:	Minimum of one year before and after Qualifying Exam	*same*
(Minimum of one year before and after Qualifying Exams.)		
3. Language(s) and/or skill(s) required:	none	*same*
4. Provisions for monitoring progress and termination criteria:	none	*same*
5. Total credit hours required:	36	*same*
6. Required courses:	See attached course changes	*See attached course changes*
7. Required distribution of courses within program:	No specific distribution required	*same*
8. Minor area or courses outside program required:	N/A	*same*
9.Distribution of courses levels required (400G-500/600-700):	No requirement	*same*
10. Qualifying examination requirements:	Written and oral examinations	*same*

[1] Prior to filling out this form, you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the APAA can provide you with that during the contact.

[2] Programs are typically made effective for the semester following approval. No program will be made effective until all approvals are received.

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11. Explain whether the proposed changes to the program (as described in numbers 1 through 10) involve courses offered by another department/program. Routing Signature Log must include approval by faculty of additional department(s).

IBS 611 is proposed as an alternative to STA 570.
IBS 602 will be a required course.
IBS 603: the content has changed; the course will still be required
IBS 606 has been reduced from 4 credits to 3 credits and the content has been changed.
PGY 412G is proposed as an alternative to IBS 606 or PGY 502

12. Other requirements not covered above:

N/A

13. What is the rationale for the proposed changes? If the rationale involves accreditation requirements, please include specific references to those requirements.

These course changes are in response to changes in the Integrated Biomedical Sciences (IBS) program, which took effect Fall semester, 2013. IBS 611, Practical Statistics, is a new course that has been designed to provide practical statistics training for biomedical sciences students; we propose that students be allowed to take this course instead of STA 570, Basic Statistical Analysis. IBS 602 has been modified: this course will combine elements of Molecular Biology (IBS602/BCH 608 in old curriculum; DNA/RNA structure, DNA repair, Replication, Transcription, Translation) and Genetics (IBS605 in old curriculum; Mendelian principles, mouse genetics, genomics, bioinformatics). We propose that students be required to take IBS 602 instead of BCH 608 so that they learn all of the elements described above. IBS603 (Cell Biology and Cell Signaling) will combine elements of Cell Biology (IBS603 in old curriculum; cell structure, organelles, trafficking and export of molecules) and Cell Signaling (IBS604 in old curriculum; signaling pathways, intra- and inter-cellular communication); we propose that this course should be continued to be required so that students are exposed to all of these topics. IBS606 (Physiological Communications) is a substantial revision of the original IBS606 course (essentially an organ-based physiology format) that has been reduced from 4 to 3 credit hours. The revised course will emphasize communication that must occur between different cell types/organ systems to maintain normal physiological homeostasis. We propose that students be required to take this course, or PGY 412G or PGY 502, which are organ-based physiology courses.Some topics in PGY 412G and 502 are missing in IBS 606, for example the digestive system.

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Signature Routing Log

General Information:

Proposal Name: Nutritional Sciences PhD Program Change

Proposal Contact Person Name: Howard P. Glauert Phone: 257-7789 Email: hglauert@uky.edu

INSTRUCTIONS:
Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Nutritional Sciences faculty	09/30/2013	Shuxia Wang / 3-4933 / swang7@uky.edu	
IBS Program		Brett Spear / 7-5167 / bspear@uky.edu	
Department of Physiology		Francisco Andrade / 3-6045 / paco.andrade@uky.edu	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[3]
Undergraduate Council			
Graduate Council	4/11/14	Roshan Nikou	
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

[3] Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Core Curriculum

NS 601 Integrated Nutritional Sciences I 3 credits
NS 602 Integrated Nutritional Sciences II 3 credits
NS 603 Integrated Nutritional Sciences III 2 credits
NS 704 Current Topics in Nutrition 1 credit
NS 771 Graduate Seminar in Nutritional Sciences 1 credit
NS 609 Ethics in Clinical Research 1 credit
or TOX 600 Ethics in Scientific Research 1 credit
STA 570 Basic Statistical Analysis 4 credits
IBS 601/BCH 607 Biomolecules & Metabolism 3 credits
or CHE 550 or Biological Chemistry I 3 credits
IBS 602/BCH 608 Biomolecules & Molecular Biology 3 credits
or CHE 552 or Biological Chemistry II 3 credits
IBS 603 Cell Biology 3 credits
IBS 606 Integrated Medical Sciences 4 credits
or PGY 502 or Principles of Systems, Cellular and Molecular Physiology 5 credits
Electives 8 credits

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Total 36-37 credits

Core Curriculum

NS 601 Integrated Nutritional Sciences I 3 credits
NS 602 Integrated Nutritional Sciences II 3 credits
NS 603 Integrated Nutritional Sciences III 2 credits
NS 704 Current Topics in Nutrition 1 credit
NS 771 Graduate Seminar in Nutritional Sciences 1 credit**
NS 609 Ethics in Clinical Research 1 credit
OR TOX 600 Ethics in Scientific Research 1 credit
JBS 611 Practical Statistics (1 credit)
OR STA 570 Basic Statistical Analysis 4 credits
JBS 601/BCH 607 Biomolecules & Metabolism 3 credits
JBS 602 Molecular Biology and Genetics (3 credits)
IBS 603 Cell Biology and Cell Signaling 3 credits
IBS 606 Physiological Communications (3 credits)
OR PGY 412G Principles of Human Physiology (4 credits)
OR PGY 502 Principles of Systems, Cellular and Molecular Physiology 5 credits
Electives 7-12 credits

Total 36 credits

Deleted: STA 570 Basic Statistical Analysis 4 credits

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Deleted: or CHE 550 or Biological Chemistry I 3 credits¶
IBS 602/BCH 608 Biomolecules & Molecular Biology 3 credits¶
or CHE 552 or Biological Chemistry II 3 credits

Deleted: Cell Biology

Deleted: Integrated Medical Sciences 4

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Deleted: ¶

Deleted: 8

Deleted: -37

Core Curriculum

NS 601 Integrated Nutritional Sciences I 3 credits
NS 602 Integrated Nutritional Sciences II 3 credits
NS 603 Integrated Nutritional Sciences III 2 credits
NS 704 Current Topics in Nutrition 1 credit
NS 771 Graduate Seminar in Nutritional Sciences 1 credit**
NS 609 Ethics in Clinical Research 1 credit
OR TOX 600 Ethics in Scientific Research 1 credit
IBS 611 Practical Statistics (1 credit)
OR STA 570 Basic Statistical Analysis 4 credits
IBS 601/BCH 607 Biomolecules & Metabolism 3 credits
IBS 602 Molecular Biology and Genetics (3 credits)
IBS 603 Cell Biology and Cell Signaling 3 credits
IBS 606 Physiological Communications (3 credits)
OR PGY 412G Principles of Human Physiology (4 credits)
OR PGY 502 Principles of Systems, Cellular and Molecular Physiology 5 credits
Electives 7-12 credits

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Total 36 credits

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Signature Routing Log

General Information:

Proposal Name: Nutritional Sciences PhD Program Change

Proposal Contact Person Name: Howard P. Glauert Phone: 257-7789 Email: hglauert@uky.edu

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Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Nutritional Sciences faculty	09/30/2013	Shuxia Wang / 3-4933 / swang7@uky.edu	
IBS Program	10/10/13	Brett Spear / 7-5167 / bspear@uky.edu	
Department of Physiology	10/10/13	Francisco Andrade / 3-6045 / paco.andrade@uky.edu	
	/ /		
	/ /		

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[3]
Undergraduate Council			
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

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SIGNATURE ROUTING LOG

General Information:

Proposal Type: Course ☐ Program ☒ Other ☐

Proposal Name[1] (course prefix & number, pgm major & degree, etc.): Nutritional Science PhD Program Change

Proposal Contact Person Name: Howard Glauert Phone: 257-7789 Email: hglauert@uky.edu

INSTRUCTIONS:

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Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
COM Curriculum Committee	12/16/13	Melissa Wilkeson / 859-257-5286 / melissa.wilkeson@uky.edu	
COM Faculty Council	2/18/14	Hollie Swanson / 859-323-1463 / hswan@email.uky.edu	
Dean, College of Medicine	3/3/14	Fred deBeer / 859-323-5079 / Fedebe1@email.uky.edu	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[2]
Undergraduate Council			
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

[1] Proposal name used here must match name entered on corresponding course or program form.

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