

CHANGE MASTERS DEGREE PROGRAM FORM

1. GENERAL INFORMATION

College:	Medicine	Department:	Nutritional Sciences
Current Major Name:	Nutritional Sciences	Proposed Major Name:	same
Current Degree Title:	M.S. in Nutritional Sciences	Proposed Degree Title:	M.S. in Nutritional Sciences
Formal Option(s):		Proposed Formal Option(s):	
Specialty Fields w/in Formal Option:		Proposed Specialty Fields w/in Formal Options:	
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:	Nov. 7, 2012		
Accrediting Agency (if applicable):			
Requested Effective Date:	<input checked="" type="checkbox"/> Semester following approval. OR <input type="checkbox"/> Specific Date ² :		
Dept. Contact Person:	Howard P. Glauert	Phone:	257-7789
Email:	hglauert@uky.edu		

2. CHANGE(S) IN PROGRAM REQUIREMENTS

		<u>Current</u>	<u>Proposed</u>
1.	Number of transfer credits allowed (Maximum is Graduate School limit of 9 hours or 25% of course work)	N/A	<i>There are no changes to program requirements 1-7, 9-10 listed below</i>
2.	Residence requirement (if applicable)	N/A	
3.	Language(s) and/or skill(s) required	N/A	
4.	Termination criteria	N/A	
5.	Plan A Degree Plan requirements ³ (thesis)	N/A	
6.	Plan B Degree Plan requirements ³ (non-thesis)	N/A	
7.	Distribution of course levels required (At least one-half must be at 600+ level & two-thirds must be in organized courses.)	N/A	
8.	Required courses (if applicable)	See Attached Course Changes	<i>See Attached Course Changes</i>
9.	Required distribution of courses within program (if applicable)	N/A	
10.	Final examination requirements	N/A	

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 Program changes are typically made effective for the semester following approval. No changes will be made effective until all approvals are received.

³ If there is only one plan for the degree, plans involving a thesis (or the equivalent in studio work, etc.) should be discussed under Plan A and those not involving a thesis should be discussed under Plan B.

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11.	Explain whether the proposed changes to the program (as described in sections 1 to 10) involve courses offered by another department/program. <u>Routing Signature Log must include approval by faculty of additional department(s).</u>
	EDP 605 has been eliminated from 3 of the emphasis areas, since our students can now only take that course Summer Semester. CNU 501 Nutraceuticals and Functional Foods or 502 Obesity Cell to Community (2) has been added to the Clinical Nutrition emphasis area.
12.	List any other requirements not covered above?
	A 400 level or equivalent biochemistry course has been added as a prerequisite for entering the program.
13.	Please explain the rationale for changes. If the rationale involves accreditation requirements, please include specific references to those requirements.
	EDP 605 has been eliminated from 3 of the emphasis areas, since our students can now only take that course Summer Semester. NS/NFS 630 has been eliminated from the Community Nutrition emphasis area because it is no longer being taught. CNU 501 Nutraceuticals and Functional Foods or CNU 502 Obesity Cell to Community (2) has been added to the Clinical Nutrition emphasis area. These two courses are highly significant for a rounded clinical education since they deal with topic areas that dietitians need to know in more depth when dealing with patients. Many of the students in the clinical track have taken these courses as electives and found them to be valuable since they did not have similar courses in their undergraduate education. While both courses are needed for our clinical track students, we did not require both courses to allow some flexibility in this track. A 400 level or equivalent biochemistry course has been added as a prerequisite for entering the program, since two of the core courses (NS 601 and NS 602) now require biochemistry as a prerequisite.

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Signature Routing Log

General Information:





Proposal Name: Nutritional Sciences M.S. 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	10/10/2012	Shuxia Wang / 3-4933 / swang7@uky.edu	
Curriculum Committee	12/3/12	Melissa Wilkeson / 7-5286 / melissawilkeson@uky.edu	
Faculty Council	Jan 8, 2013	Melissa Wilkeson / 7-5286 / " "	
DEAN, COLLEGE OF MEDICINE		FRED de BEER / 13-5079 / Fedebe1@email.uky.edu	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ⁴
Undergraduate Council			
Graduate Council			
Health Care Colleges Council	3/19/13	Cynthia Beeman	
Senate Council Approval		University Senate Approval	

Comments:

⁴ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Overview of course changes for Master's in Nutritional Sciences

Additions in **Yellow**; Δ = deletions

Total Credits Required for Degree: **30**

Prerequisite – 200 level or equivalent physiology course.

Prerequisite a 400 level or equivalent biochemistry course.

Core Courses for MS NS

Course #, Title, (Credits)

CNU/NS 601 Integrated Nutritional Sciences Part I (3)

NS/ASC/CNU 602 Integrated Nutritional Sciences Part II (3)

CNU/NS/FSC 603 Integrated Nutritional Sciences Part III (2)

NS/CNU/NFS 704 Current Topics (1)

STA 570 Basic Statistical Analysis (4)

NS 771 Seminar (0)--all students required to register twice

NS 771 Seminar (1)**

NS/CNU/NFS 782 Special Problems* (1-6)

CNU/NS 609 Ethics (1)

Core Credits 15

* Plan B only ** Plan A only required to present seminar

Courses for Emphasis in Clinical Nutrition

Course #, Title, (Credits)

Prerequisite – B.S. in Dietetics and/or meeting AND dietetics requirements for internship

CNU 501 Nutraceuticals and Functional Foods or 502 Obesity Cell to Community (2)

Δ

CNU/NS 702 Clinical Nutrition Problem Based Case Studies (1-3)

CNU 611 Advanced Medical Nutrition Therapy (2)

CNU 612 Examination Skills for the Clinical Nutritionist (2)

Emphasis Credits **7 to 9**

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Wellness and Sports Nutrition

Course #, Title, (Credits)

CNU/NS 605 Wellness and Sports Nutrition (3)



KHP 600 Exercise Stress Testing and Prescription (3)

KHP 620 Advanced Exercise Physiology (3)

CNU 501 Nutraceuticals and Functional Foods (2)

Emphasis Credits **11**

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Community Nutrition

Course #, Title, (Credits)

CPH 605 Epidemiology (3)



NFS 603 Advanced Community Program Development (3) (Every other Fall)

NFS 607 Food Related Behaviors (3) (Every Other Spring)

Emphasis Credits **9**

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Molecular and Biochemical Nutrition

Course #, Title, (Credits)

BCH607 (IBS 601) Biochemistry (3) or CHE550* (3 credits)

BCH 608 (IBS 602) Biochemistry (3) or CHE552* (3 credits)

NS/CNU 606 Molecular Biology Applications in Nutrition (2)

Emphasis Credits 8

Electives to equal a minimum of 30 credit hours

*If CHE 550 and 552 are taken, then at least 2 more credit hours must be taken at the 600-799 level

△ Drop EDP 605 Counseling Techniques (3)

The Nutritional Sciences Graduate Master's of Science Program

Overview of the courses for Master's in Nutritional Sciences

Core Courses for MS NS Total credits required for degree (30)

Prerequisites-200 level or equivalent physiology course. Recommended but not required is a 400 level biochemistry course

NS/CNU 601	Integrated Nutritional Sciences Part I	(3)
NS/ASC/CNU 602	Integrated Nutritional Sciences Part II	(3)
NS/CNU/FCS 603	Integrated Nutritional Sciences Part III	(2)
NS/CNU/NFS704	Current Topics	(1)
STA 570	Basic Statistical Analysis	(4)
NS 771	Seminar in Nutritional Sciences	(0-1**)
NS/CNU/NFS 782	Special Problems	(1-6*)
NS/CNU 609	Ethics	(1)

Core Credits = 15

*Plan B Only

**Plan A Only

Courses for Emphasis in Clinical Nutrition

Prerequisite- B.S. in Dietetics and/or meeting ADA in Dietetics requirements for internship

EDP 605	Counseling Techniques	(3)
NS/CNU 702	Clinical Nutrition Problem Based Case Studies	(1-3)
CNU 611	Advanced Medical Nutrition Therapy	(2)
CNU 612	Examination Skills for the Clinical Nutritionist	(2)

Emphasis Credits = 8-10

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Wellness and Sports Nutrition

NS/CNU 605	Wellness and Sports Nutrition	(3)
EDP 605	Counseling Techniques	(3)
KHP 600	Exercise Stress Testing and Prescription	(3)
KHP 620	Advanced Exercise Physiology	(3)
CNU 501	Nutraceuticals and Functional Foods	(2)

Emphasis credits = 14

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Community Nutrition

CPH 605	Epidemiology	(3)
NS/NFS 630	Advanced Community Nutrition	(3)
EDP 605	Counseling Techniques	(3)
NFS 603	Advanced Community Program Development	(3)
NFS 607	Food Related Behaviors	(3)

Emphasis credits= 15

Electives to equal a minimum of 30 credit hours

Courses for Emphasis in Molecular and Biochemical Nutrition

BCH 607(IBS 601)	Biochemistry or CHE 550	(3)
BCH 608 (IBS 602)	Biochemistry or CHE 552	(3)
NS/CNU 606	Molecular Biology Applications in Nutrition	(2)

Emphasis Credits= 8

Electives to equal a minimum of 30 credit hours

Approved Electives

The student must successfully complete a minimum of 6 credit hours in electives. Elective courses are recommended by the DGS and/or the Advisor.

Suggested elective courses include:

NS/NFS 607	Food-Related Behaviors	3 credits
NS/NFS 640	Human Nutrition: Assessment	2 credits
NS/CNU 606	Molecular Biology Applications in Nutrition	2 credits
NS 790	Research in Nutritional Sciences (before qualifying exam)	1-6 credits
CNU 501	Nutraceuticals and Functional Foods in Health and Disease Prevention	2 credits
CNU 502	Obesity C2C: Cell to Community	2 credits
CNU/NS 604	Lipid Metabolism	3 credits
CNU/NS 608	Nutritional Immunology	3 credits
CNU/NS 605	Wellness and Sports Nutrition	3 credits
CNU/NS 702	Problem-Based Case Studies	1-5 credits
ASC 681	Energy Metabolism	3 credits