

From: noreply@wsu.edu
To: [curriculum.submit](#)
Subject: 311344 Nutrition and Exercise Physiology Requirements Revise - Other
Date: Monday, November 28, 2016 2:49:34 PM
Attachments: [2016.11.28.14.49.31.07.FormData.html](#)
[2016.11.28.14.49.26.88.currentCatalogFile_MSNEPReviseReq_Rationale_Dec2016.pdf](#)

Glen Duncan has submitted a request for a major curricular change. His/her email address is:
glen.duncan@wsu.edu.

Requested change: Other

Other curriculum change being requested: Revise Graduate Plan - Revise Requirements and to restore only the thesis portion of the program (from currently suspended).

Degree: MS MS NEP (thesis, non-thesis)

Title: Nutrition & Exercise Physiology (thesis) Other

Requested Effective Date: Fall 2017

Revise plan requirement: Yes

Dean: Brown, Lisa - Chancellor - Spokane,

Chair: Duncan, Glen,

From: [Duncan, Glen E](#)
To: [curriculum.submit](#); [Brown, Lisa](#)
Subject: RE: 311344 Nutrition and Exercise Physiology Requirements Revise - Other
Date: Monday, November 28, 2016 2:53:43 PM

2. I approve this proposal with revisions. Revisions are attached.

On the submitted form, the Master of Science in Nutrition and Exercise Physiology should be noted as (Thesis, Non-thesis) (8/1/2001). It was incorrectly noted as (Thesis) only. However, the remainder of the form is correct, and the purpose of the submission as noted is to revise the graduate plan – revise requirements and restore only the thesis option of the program.

Glen E. Duncan, PhD, RCEP
Professor, Elson S. Floyd College of Medicine
Chair, Nutrition & Exercise Physiology Program
Director, Washington State Twin Registry, Initiative for Research and Education to Advance
Community Health (IREACH)
Washington State University - Health Sciences Spokane
PO Box 1495
Spokane, WA 99210-1495
509.358-7875 (VM)
www.wstwinregistry.org

From: curriculum.submit@wsu.edu [mailto:curriculum.submit@wsu.edu]
Sent: Monday, November 28, 2016 2:50 PM
To: Duncan, Glen E <glen.duncan@wsu.edu>; Brown, Lisa <lisaj.brown@wsu.edu>
Subject: 311344 Nutrition and Exercise Physiology Requirements Revise - Other

Duncan, Glen,

Brown, Lisa - Chancellor - Spokane,

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Requested Effective Date: Fall 2017

Revise plan requirement: Yes

Both Chair and Dean approval is required to complete the submission process. Please indicate that you have reviewed the proposal by highlighting one of the statements below and **reply all** to this email. (curriculum.submit@wsu.edu.) [Details of major change requested can be found in the attached supplemental documentation]

1. I approve this proposal in its current form.
2. I approve this proposal with revisions. Revisions are attached.
3. I do not approve this proposal. Please return to submitter.

If you do not respond within one week, you will be sent a reminder email. If no response is received within three weeks of the submission date, the proposal will be returned to the submitter.

Thank you for your assistance as we embark on this new process. If you have any questions or concerns, please let us know wsu.curriculum@wsu.edu.

Suzanne Lambeth, Assistant Registrar
Graduations, Curriculum, & Scheduling
Washington State University
Registrar's Office
PO Box 641035
Pullman WA 99164-1035
509-335-7905
slambeth@wsu.edu

Note: Please use the attachments to this email rather than the link below to view the supporting documentation.

From: [Brown, Lisa](#)
To: [Duncan, Glen E](#); [curriculum.submit](#)
Subject: RE: 311344 Nutrition and Exercise Physiology Requirements Revise - Other
Date: Monday, November 28, 2016 3:04:10 PM
Attachments: [image001.png](#)

I approve with revisions as noted below

Lisa

Lisa J. Brown, Ph.D.

Chancellor

509-358-7550

lisaj.brown@wsu.edu

www.spokane.wsu.edu

[Facebook](#) | [Twitter](#) | [Instagram](#) | [LinkedIn](#) | [YouTube](#)



From: Duncan, Glen E

Sent: Monday, November 28, 2016 2:54 PM

To: curriculum.submit <curriculum.submit@wsu.edu>; Brown, Lisa <lisaj.brown@wsu.edu>

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Professor, Elson S. Floyd College of Medicine

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Suzanne Lambeth, Assistant Registrar
Graduations, Curriculum, & Scheduling

Washington State University

Registrar's Office

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509-335-7905

slambeth@wsu.edu

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Nutrition & Exercise Physiology Program
MS NEP (thesis) Revise Graduate Plan - Revise Requirements
Rationale Statement

The B.S. NEP is a unique undergraduate degree in the health sciences that blends content from the disciplines of exercise science and nutrition into a combined program. Content focuses broadly on the effects of exercise and nutrition on human health. Prerequisite coursework is intended to provide a broad knowledge base in human anatomy, physiology, nutrition, chemistry, biochemistry, and microbiology. To expand upon this unique blend of both nutrition and exercise physiology content with advanced graduate didactic, experiential, and research training, NEP also offers the MS Coordinated Program in Dietetics (CPD) (non-thesis) (formerly MS Human Nutrition).

The MS NEP (thesis) (formerly MS Exercise Science) and PhD NEP (formerly PhD Human Nutrition) were also available, however, they are currently suspended because the program was recently moved out of the College of Pharmacy (COP) into the administrative unit Area 57 on the Spokane Campus where it resides. As of this writing, NEP is undergoing the formal process of transitioning into the Elson S. Floyd College of Medicine.

The rationale for the proposed submission is to restore the MS NEP (thesis) for admissions beginning fall 2017 and to revise graduation requirements to better reflect the state-of-the-art in the fields of nutrition and exercise physiology, as well as to eliminate required Pharmacy courses that existed when the program was in the COP. Documentation showing the last record of graduation requirements for the MS NEP is provided in this submission. All of the new requirements for the degree are also included.

A set of 'New/Restore Course' and 'Course Revisions' forms are being submitted under separate cover reflecting all of the new courses being proposed and those that will be reconfigured for the revised graduate curricula (MS NEP [thesis] with this submission and MS /PhD NEP in additional submissions). A summary of these course specific changes is provided at the end of this document.

Current Graduate School Approved Names – MS NEP (thesis)

Faculty Senate Meeting
February 10, 2011
Page 5

				complete additional readings and quantitative problem sets. Cooperative course taught by UI, open to WSU students. (WSF 545)	
NEP		Revise	Change name of MS degree from Human Nutrition to Coordinated Program in Dietetics, Nutrition, and Exercise Physiology	Change name of MS degree from Human Nutrition to Coordinated Program in Dietetics, Nutrition, and Exercise Physiology	8-11
NEP		Revise	Change name of MS degree from Exercise Science to Nutrition and Exercise Physiology	Change name of MS degree from Exercise Science to Nutrition and Exercise Physiology	8-11
Nurs	594	New	-- N/A --	Community-Based Care of At-Risk Adults and Marginalized Adult Populations 3 Prereq graduate standing in nursing. Analysis and evaluation of strategies, interventions and programs to promote health of at-risk adults, older adults and marginalized adult populations.	8-11
Phil	540	New	--N/A--	Ethics and Social Science Research 3 Prereq graduate standing. Professional ethics for social science research, ethical conduct of research, obligations to human subjects and ethical implications of methods and technologies.	5-11
SpMgt	564	Revise	Marketing of Sport Events and Programs 3 Prereq SpMgt 464 or equivalent; or permission of instructor. Principles of sport marketing including public relations, corporate sponsorship, and service quality for sport organizations.	(576) Marketing of Sport Events and Programs 3 Prereq SpMgt 464 or equivalent, or permission of instructor. Principles of sport marketing including public relations, corporate sponsorship, and service quality for sport organizations.	8-11
SpMgt	567	Revise	Social and Cultural Issues of Physical Activity and Sport 3 Prereq SpMgt 367 or equivalent background. Sport and physical activity as cultural forms, including the examination of	(574) Social and Cultural Issues of Physical Activity and Sport 3 Prereq SpMgt 467 or equivalent; or permission of instructor. Sport and physical activity as cultural forms, including	8-11

Current Graduate School Approved Curricula - MS NEP (thesis)

<p>Nutrition & Exercise Physiology, revise graduation requirements in MS in Human Nutrition (non-thesis)</p>	<p>-- N/A --</p>	<p>Revise</p>	<p>Advanced Nutrition (FSHN-504, 513, 533) (3 cr) Research Techniques (FSHN-426, 520, 521) (3 cr) Written Seminar (FSHN 508) (2 cr) Master's Special Problems (FSHN 702) (4 cr) Statistics (STAT-412, 512, PSYCH-511, etc.) (3 cr) Oral Seminar (FSHN 509) (1 cr) Other courses (variable credits) (Note: these were Pullman courses designed to meet individual student needs or deficiencies) Total credits: 32</p>	<p>Adv. Medical Nutrition Therapy (NEP 537) (3 cr) Research Methods (NEP 520) (4 cr) Graduate Seminar (NEP 505) (2 cr) Master's Examination (NEP 702) (5 cr) (Note: statistics is a pre-requisite for admission) (Note: oral presentations included in NEP 505 etc.) Community Supervised Practice (NEP 501) (5 cr) Clinical Supervised Practice (NEP 540) (10 cr) Management Pract. Food Service (NEP 551) (4 cr) Nutrition & Exercise in Community (NEP 573) (2 cr) Elective (3 cr of the following): Foundations Cellular Regulation (NEP 510) (3 cr) Adv. Topics in Exercise Physiology (NEP 580) (3 cr) Clinical Exercise Physiology (NEP 585) (3 cr) Total credits: 38</p>	<p>8-10</p>
<p>Nutrition & Exercise Physiology, revise graduation requirements in MS in Exercise Science (thesis)</p>	<p>-- N/A --</p>	<p>Revise</p>	<p>Research Methods (3 cr) Statistics (Stat 512) (3 cr) Exercise and Immune Response (ExSci 563) (3 cr) Muscle Phys. Ex. Bioenergetics (ExSci 565) (3 cr) Cardiopulmonary Exercise Phys. (ExSci 567) (3 cr) Special Topics (ExSci 504) (3 cr) Assessment & Prescription (ExSci 568) (3 cr)</p>	<p>Research Methods (NEP 520) (4 cr) Statistics (Stat 512, etc.) (3 cr) Research Courses (6 cr of the following): Foundations Cellular Regulation (NEP 510) (3 cr) Community Health and Nutrition (NEP 526) (3 cr) Advanced Topics Exercise Phys. (NEP 580) (3 cr) (Note: includes</p>	<p>8-10</p>

			<p>Research Techniques (ExSci 589) (2-cr) Electives (5-6-cr) Seminar (ExSci 596) (4-cr) Thesis (ExSci 700) (4-cr) Total credits: 36-37</p>	<p><u>selected content from ExSci 501, 563, 565, 567)</u> Electives (6 cr of the following): General Biochemistry (MBioS 513) (3 cr) Teaching, Learning, Evaluation (Nurs 521) (3 cr) Psychometrics (Nurs 589) (2-cr) Advanced Physiology (Nurs 479) (3 cr) General and Cellular Physiol. (VPh 555) (4-cr) Clinical Exercise Physiology (NEP 585) (3 cr) Graduate Seminar (NEP 505) (3 cr) Thesis (NEP 700) (5 cr) Total credits: 30</p>	
<p>Nutrition & Exercise Physiology, revise graduation requirements in MS in Exercise Science (non-thesis)</p>	-- N/A --	Revise	<p>Research Methods (3-cr) Statistics (3-cr) Exercise and Immune Response (ExSci 563) (3-cr) Muscle Physiol. Ex. Bioenergetics (ExSci 565) (3-cr) Cardiopulmonary Ex. Physiol. (ExSci 567) (3-cr) Special Topics (ExSci 504) (3-cr) Assessment & Prescription (ExSci 568) (3-cr) Elective (3-4-cr): Adv. Physiol. Pathophysiol. (Nurs 581) (4-cr) Seminar (ExSci 596) (4-cr) Special Project (ExSci 702) (2-cr) Internship (ExSci 590) (5-cr) Total credits: 35-36</p>	<p>Research Methods (NEP 520) (4-cr) Statistics (Stat 512, etc.) (3-cr) Research Courses (3 cr of the following): Foundations Cell. Regulation (NEP 510) (3-cr) Community Health and Nutrition (NEP 526) (3-cr) Clinical Exercise Physiology (NEP 585) (3-cr) Electives (6 cr of the following): General Biochemistry (MBioS 513) (3-cr) Teaching, Learning, Evaluation (Nurs 521) (3-cr) Psychometrics (Nurs 589) (2-cr) Advanced Physiology (Nurs 479) (3-cr) General and Cellular Physiol. (VPh 555) (4-cr)</p>	8-10

NOTE: We do not wish to re-instate the MS Exercise Science (non-thesis) track noted above. This is the only documentation found for this track and none of the current faculty are aware that it even existed.

Proposed Curricula for MS NEP (thesis)

This degree consists of 11 credits of core and a minimum of 21 credits of track specific coursework for a total minimum of 32 credits, of which a minimum of 26 credits are graded and 6 are thesis.

MS Core Courses – Required

Content Area	Course	Credits
Basic Science	PHARMSCI 520 (Foundations of Molecular Regulation)	3
Statistics	NURS 526 (Analytical Foundations for Health Sciences)	3
Methods	NEP 520 (Research Methods)	3
Breadth	NEP 505 (Graduate Seminar) (1 c.h. each fall and spring semesters)†	2
Core total		11

MS Thesis Track Courses – Required

Content Area	Course	Credits
Nutrition	NEP 525 (Advanced Human Nutrition)‡	3
Exercise Physiology	NEP 582 (Advanced Exercise Physiology)‡¶	3
Epidemiology	NEP 526 (Nutritional Epidemiology)¥	3
Epidemiology	NEP 586 (Exercise Epidemiology)‡	3
Breadth	Electives (minimum 3, maximum 6)	3
Research	NEP 700 (Thesis) (minimum)	6
Track specific total		21

Approved Electives

FS = 516, 531

HPA = 500; 501

NEP = 580 (Special Topics, can be repeated twice for a total of 6 credits); 600

NURS = 521; 531; 554; 578; 587; 589; 590; 592; 528 (PhD only); 529 (PhD only)

PHARMSCI = 530; 555; 560

PHIL = 535

NOTE: Other courses may be approved by student's advisor.

Notes

† = NEP 505 will be re-configured as a 1 credit course graded P/F, repeated twice.

‡ = Indicates new NEP course to be developed.

¥ = NEP 526 (Advanced Community Nutrition and Health) will be renamed Nutritional Epidemiology and will be re-configured to include more epidemiological concepts.

¶ = A new NEP course titled "Advanced Exercise Physiology" will be developed and offered at the graduate level. NEP 463 will be re-named from "Advanced Exercise Physiology" to simply "Exercise Physiology" to distinguish it from this new graduate level course and so as not to interfere with KINES 380 "Introduction to Exercise Physiology".