Supplemental Information Course and Curriculum items FS Academic Affairs Committee Review April 7, 2015 Meeting

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College of Human Ecology (3-15-15)

Non-expedited Undergraduate Curriculum Change Proposal

Department of Kinesiology

Credits: (4)

CHANGE FROM:	CHANGE TO:
Kinesiology (B.S)	Kinesiology (B.S.)
General Requirements (49-53 credit hours)	General Requirements (49-53 credit hours)
Communications (8-9 credit hours)	Communications (8-9 credit hours)
 ENGL 100 - Expository Writing I Credits: (3) ENGL 200 - Expository Writing II Credits: (3) One of the following courses COMM 105 - Public Speaking IA Credits: (2) or COMM 106 - Public Speaking I Credits: (3) 	 ENGL 100 - Expository Writing I Credits: (3) ENGL 200 - Expository Writing II Credits: (3) One of the following courses COMM 105 - Public Speaking IA Credits: (2) or COMM 106 - Public Speaking I Credits: (3)
Humanities (6 credit hours)	Humanities (6 credit hours)
Only courses of 3 credits or more will apply.	Only courses of 3 credits or more will apply.
Social Sciences (9 credit hours)	Social Sciences (9 credit hours)
 ECON 110 - Principles of Macroeconomics Credits: (3) PSYCH 110 - General Psychology Credits: (3) SOCIO 211 - Introduction to Sociology Credits: (3) Natural and Physical Sciences (16-17 credit hours) 	 ECON 110 - Principles of Macroeconomics
 BIOL 198 - Principles of Biology Credits: (4) BIOL 340 - Structure and Function of the Human Body Credits: (8) or KIN 360 - Anatomy and Physiology Credits: (8) Students must complete one of the following: BIOCH 265 - Introductory Organic and Biochemistry Credits: (5) Chemistry - any course with lab Physics- any course with lab Quantitative Studies (9-11 credit hours)	 BIOL 198 - Principles of Biology Credits: (4) BIOL 340 - Structure and Function of the Human Body Credits: (8) or KIN 360 - Anatomy and Physiology Credits: (8) Students must complete one of the following: BIOCH 265 - Introductory Organic and Biochemistry Credits: (5) Chemistry - any course with lab Physics- any course with lab Quantitative Studies (9-11 credit hours)
MATH 100 - College Algebra Credits: (3)	MATH 100 - College Algebra Credits: (3)
• or	• Or
 MATH 220 - Analytic Geometry and Calculus I 	 MATH 150 – Plane Trigonometry Credits: (3)

• Or

- One of the following statistics courses
- STAT 325 Introduction to Statistics Credits:
 (3)
- STAT 340 Biometrics I **Credits:** (3)
- CIS 101 Introduction to Computing Systems Credits: (1)
- and
- CIS 102 Introduction to Spreadsheet Applications **Credits:** (1)
- and
- CIS 103 Introduction to Database Applications **Credits:** (1)
- and
- CIS 104 Introduction to Word Processing Applications Credits: (1)
- OI
- CIS 111 Introduction to Computer Programming Credits: (3)

Integrative Human Ecology Course (1 credit hour)

GNHE 210 - Foundations of Human Ecology
 Credits: (1)

Professional Studies (38 credit hours)

Grades of "C" or higher required.

Kinesiology (35 credit hours)

Lower-level core (17 credits hours)

- KIN 220 Biobehavioral Bases of Physical Activity Credits: (4)
- KIN 310 Measurement and Research Techniques in Kinesiology Credits: (3)
- KIN 335 Physiology of Exercise **Credits:** (4)
- KIN 336 Physiology of Exercise Lab Credits:
 (1)
- Kin 345- Public Health Physical Activity
 Credits: (5)

Kinesiology Upper-level Emphasis (12 credit hours)

- MATH 220 Analytic Geometry and Calculus I Credits: (4)
- One of the following statistics courses
- STAT 325 Introduction to Statistics **Credits**: (3)
- STAT 340 Biometrics I Credits: (3)
- CIS 101 Introduction to Computing Systems
 Credits: (1)
- and
- CIS 102 Introduction to Spreadsheet Applications Credits: (1)
- and
- CIS 103 Introduction to Database Applications Credits: (1)
- and
- CIS 104 Introduction to Word Processing Applications Credits: (1)
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- CIS 111 Introduction to Computer Programming Credits: (3)

Integrative Human Ecology Course (1 credit hour)

• GNHE 210 - Foundations of Human Ecology Credits: (1)

Professional Studies (39 credit hours)

Grades of "C" or higher required.

Kinesiology Core (36 credit hours)

Lower-level core (18 credits hours)

- KIN 220 Biobehavioral Bases of Physical Activity Credits: (4)
- KIN 310 Measurement and Research Techniques in Kinesiology Credits: (4)
- KIN 335 Physiology of Exercise **Credits:** (4)
- KIN 336 Physiology of Exercise Lab Credits:
 (1)
- KIN 345 Exercise Behavioral Science Credits: (5)

Kinesiology Upper-level Core (18 credit hours)

Choose one course from each of the following

Select an emphasis in Exercise Physiology or Public Health Physical Activity Behavior.

Exercise Physiology Emphasis (12 credit hours)

Select one course (3 credit hours) from the biological basis of human movement.

- KIN 601 Cardiorespiratory Exercise Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology
 Credits: (3)
- KIN 607 Muscle Exercise Physiology Credits:
 (3)

Select three courses from the following (9 credit hours)

- KIN 601 Cardiorespiratory Exercise
 Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology
 Credits: (3)
- KIN 605 Topics in the Biological Basis of Kinesiology Credits: (1-3)
- KIN 607 Muscle Exercise Physiology Credits:
 (3)
- KIN 609 Environmental Physiology Credits: (3)
- KIN 635 Nutrition and Exercise Credits: (3)
- KIN 657 Therapeutic Use of Exercise in the Treatment of Disease Credits: (3)
- KIN 796 Topics in Exercise Physiology
 Credits: (3)

Public Health Physical Activity Behavior Emphasis (12 credit hours)

Select three courses from the following (9 credit hours)

- KIN 600 Interpersonal Aspects of Physical Activity Credits: (3)
- KIN 602 Social Structural Determinants of Physical Activity Credits: (3)
- KIN 612 Policy, Built Environment and Physical Activity Credits: (3)
- KIN 614 Physical Activity Behavior Settings:
 Youth Sport to Senior Centers Credits (3)
- KIN 655 Individual Physical Activity Promotion Credits: (3)

Select one course from the following (3 credit hours)

Exercise Physiology (3 credit hours)

Select one course (3 credit hours) from the following.

- KIN 601 Cardiorespiratory Exercise Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology Credits: (3)
- KIN 607 Muscle Exercise Physiology **Credits**:

Exercise Behavioral Science (3 credit hours)

Select one course (3 credit hours) from the following.

- KIN 600 Interpersonal Aspects of Physical Activity Credits: (3)
- KIN 602 <u>Social Structural Determinants of</u>
 <u>Physical Activity</u> Credits: (3)
- KIN 612 <u>Policy</u>, Built Environment and Physical Activity Credits: (3)
- KIN 614 Physical Activity Behavior Settings: Youth Sport to Senior Centers Credits (3)
- KIN 655 <u>Individual Physical Activity</u>
 Promotion Credits: (3)

KIN 594 Sport and Exercise Psychology Credits: (3) KIN 606 - Topics in the Behavioral Basis of Kinesiology Credits: (1-3) KIN 610 - Program Planning and Evaluation KIN 797 - Topics in Public Health Physical Kinesiology Elective Courses 300 level or Activity Behavior Credits: (3 higher (12 credit hours) **Kinesiology Electives (6 credit hours)** Select 12 credit hours of additional upper level KIN courses. At least one elective must be at 600 level or 300 level or above higher (12 hrs.) **Human Nutrition (3 credit hours)** HN 132 - Basic Nutrition Credits: (3) **Human Nutrition (3 credit hours)** Unrestricted electives (28-32 credit hours) HN 132 - Basic Nutrition Credits: (3) 300 level or above (>2 hours) Unrestricted electives (29-33 credit hours) Total hours required for graduation (120) 300 level or above (>3 hours) credit hours) **Total hours required for graduation (120** credit hours)

Rationale: The kinesiology major has streamlined the core by combining the emphasis areas, thus allowing students more flexibility in the major. Also, Math 150 has been added as an option for part of the quantitative requirement for students who would benefit from this course.

Impact: Math. Department Head Andrew Bennett was contacted 12/2/2014 with no response given on the addition of the Trig requirement. Human Nutrition. Kathy Grunewald and Mark Haub were emailed the proposed changes on 2/2/2015 and no objections were raised.

Effective: Fall 2015

College of Human Ecology (3-25-15)

Credits: (3)

PSYCH 110 – General Psychology Credits: (3)

SOCIO 211 – Introduction to Sociology Credits: (3)

Non-Expedited Undergraduate curriculum change

Department of Human Nutrition/Kinesiology

CHANGE FROM: CHANGE TO: Dual Degree: Dual Degree: B.S. in Human Nutrition B.S. in Human Nutrition B.S. in Kinesiology **B.S.** in Kinesiology Nutrition and Kinesiology is a dual degree program. Nutrition and Kinesiology is a dual degree program. Students complete a total of 128-132 credit hours and Students complete a total of 130-134 credit hours and earn two degrees, one from the Department of earn two degrees, one from the Department of Human Nutrition and the second from the Human Nutrition and the second from the Department of Kinesiology. Graduates of this program Department of Kinesiology. Graduates of this program may pursue careers in health programs offered by may pursue careers in health programs offered by hospitals, industries, wellness centers, public and hospitals, industries, wellness centers, public and private clinics, fitness camps, and athletic clubs. private clinics, fitness camps, and athletic clubs. General Requirements (65-69 credit hours) General Requirements (65-69) credit hours) Communications (11-12 credit hours) Communications (11-12 credit hours) COMM 105 – Public Speaking 1A Credits: (2) COMM 105 – Public Speaking 1A Credits: (2) COMM 106 – Public Speaking I Credits: (3) COMM 106 – Public Speaking I Credits: (3) ENGL 100 – Expository Writing I Credits: (3) ENGL 100 - Expository Writing I Credits: (3) ENGL 200 - Expository Writing II Credits: (3) ENGL 200 - Expository Writing II Credits: (3) ENGL 417 – Written Communication for the ENGL 417 - Written Communication for the Workplace Credits: (3) Workplace Credits: (3) ENGL 516 – Written Communication for the ENGL 516 – Written Communication for the Sciences Credits: (3) Sciences Credits: (3) HMD 643 – Food Writing Credits: (3) HMD 643 – Food Writing Credits: (3) **Humanities (6 credit hours) Humanities (6 credit hours)** (Only courses of 3 credits or more will apply.) (Only courses of 3 credits or more will apply.) Social Science (9 credit hours) Social Science (9 credit hours) ECON 110 – Principles of Macroeconomics ECON 110 – Principles of Macroeconomics

Credits: (3)

PSYCH 110 – General Psychology Credits: (3)

SOCIO 211 – Introduction to Sociology Credits: (3)

Integrative studies (1 credit hour)

 GNHE 210 – Foundations of Human Ecology Credits: (1)

Integrative studies (1 credit hour)

 GNHE 210 – Foundations of Human Ecology Credits: (1)

Natural and Physical Sciences (29-30-credit hours)

Biological Sciences (15-16 credit hours)

 BIOL 198 – Principles of Biology Credits: (4)
 BIOL 340 – Structure and Function of the Human Body Credits: (8)
 or

- KIN 360 Anatomy and Physiology Credits: (8)
- BIOL 455 General Microbiology Credits: (4)
- or
 HMD 220 Environmental Issues in Hospitality
 Credits: (3)

Physical Sciences (14 credit hours)

- BIOCH 521 General Biochemistry Credits: (3)
- CHM 210 Chemistry I Credits: (4)
- CHM 230 Chemistry II Credits: (4)
- CHM 350 General Organic Chemistry Credits: (3)

Quantitative Studies (9-11 credit hours)

- MATH 220 Analytic Geometry and Calculus I Credits: (4)
 or
- MATH 100 College Algebra Credits: (3)

STAT 325 – Introduction to Statistics Credits: (3) or STAT 340 – Biometrics I Credits: (3)

- CIS 111 Introduction to Computer Programming Credits: (3)
- CIS 101 Introduction to Computing Systems, Information Search, and Security Credits: (1)
- CIS 102 Introduction to Spreadsheet Applications Credits: (1) and

Natural and Physical Sciences (29-30 credit hours)

Biological Sciences (15-16 credit hours)

- BIOL 198 Principles of Biology Credits: (4)
- BIOL 340 Structure and Function of the Human Body Credits: (8)
- KIN 360 Anatomy and Physiology Credits: (8)
- BIOL 455 General Microbiology Credits: (4)
- or
 HMD 220 Environmental Issues in Hospitality
 Credits: (3)

Physical Sciences (14 credit hours)

- BIOCH 521 General Biochemistry Credits: (3)
- CHM 210 Chemistry I Credits: (4)
- CHM 230 Chemistry II Credits: (4)
- CHM 350 General Organic Chemistry Credits: (3)

Quantitative Studies (9-11 credit hours)

- MATH 220 Analytic Geometry and Calculus I Credits: (4)
 - or
- MATH 100 College Algebra Credits: (3)
 or
- MATH 150 Plane Trigonometry Credits: (3)
- STAT 325 Introduction to Statistics Credits: (3) or
 STAT 340 Biometrics I Credits: (3)
- CIS 111 Introduction to Computer Programming Credits: (3)
 - or
- CIS 101 Introduction to Computing Systems, Information Search, and Security Credits: (1) and
- CIS 102 Introduction to Spreadsheet Applications Credits: (1) and

- CIS 103 Introduction to Database Applications Credits: (1)
 and
- CIS 104 Introduction to Word Processing Applications Credits: (1)

Professional Studies (63 credit hours)

(Grades of C or higher required.)

Nutrition Sciences (28 credit hours)

- HN 132 Basic Nutrition Credits: (3)
- HN 400 Human Nutrition Credits: (3)
- HN 413 Science of Food Credits: (4)
- HN 450 Nutritional Assessment Credits: (2)
- HN 510 Life Span Nutrition Credits: (3)
- HN 535 Energy Balance Credits: (2)
- HN 600 Public Health Nutrition Credits: (3)
- HN 620 Nutrient Metabolism Credits: (3)
- HN 631 Clinical Nutrition I Credits: (2)
- HN 632 Clinical Nutrition II Credits: (3)

Nutrition or Kinesiology (3 credit hours)

- HN 635 Nutrition and Exercise Credits: (3)
- KIN 635 Nutrition and Exercise Credits: (3)

Kinesiology (32 credit hours)

Nutrition and kinesiology majors must take a minimum of 32 kinesiology hours that include 47 hours from the lower-level core, 12 hours in an emphasis area, and 3 hours from other elective kinesiology courses at the 300 level or above.

A minimum grade of C is required on all prerequisites for kinesiology courses. A minimum grade of C and GPA of 2.2 are required for all kinesiology courses meeting degree requirements.

Lower Level Core Courses (17 credit hours)

- KIN 220 Biobehavioral Bases of Physical Activity Credits: (4)
- KIN 310 Measurement and Research Techniques in Kinesiology Credits: (3)

- CIS 103 Introduction to Database Applications Credits: (1)
 and
- CIS 104 Introduction to Word Processing Applications Credits: (1)

Professional Studies (<u>65</u> credit hours)

(Grades of C or higher required.)

Nutrition Sciences (29 credit hours)

- HN 132 Basic Nutrition Credits: (3)
- HN 400 Human Nutrition Credits: (3)
- HN 413 Science of Food Credits: (4)
- HN 450 Nutritional Assessment Credits: (2)
- HN 510 Life Span Nutrition Credits: (3)
- HN 535 Energy Balance Credits: (2)
- HN 600 Public Health Nutrition Credits: (3)
- HN 620 Nutrient Metabolism Credits: (3)
- HN 631 Clinical Nutrition I Credits: (3)
- HN 632 Clinical Nutrition II Credits: (3)

Nutrition or Kinesiology (3 credit hours)

- HN 635 Nutrition and Exercise Credits: (3)
- KIN 635 Nutrition and Exercise Credits: (3)

Kinesiology (33 credit hours)

Nutrition and kinesiology majors must take a minimum of 33 kinesiology hours that include 18 hours from the lower-level core, and 15 hours from the upper level core.

A minimum grade of C is required on all prerequisites for kinesiology courses. A minimum grade of C and GPA of 2.2 are required for all kinesiology courses meeting degree requirements.

Lower Level Core Courses (18 credit hours)

- KIN 220 Biobehavioral Bases of Physical Activity Credits: (4)
- KIN 310 Measurement and Research Techniques in Kinesiology Credits: (4)

- KIN 335 Physiology of Exercise Credits: (4)
- KIN 336 Physiology of Exercise Laboratory Credits: (1)
- KIN 345 <u>Public</u> <u>Health Physical Activity</u> Credits: (5)

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Kinesiology Upper-level Emphasis (12 credit hours)
Select an emphasis in Exercise Physiology or Public
Health Physical Activity Behavior

Exercise Physiology-Emphasis (12 credit hours)

Select one course from the following (3 credit hours):

- KIN 601 Cardiorespiratory Exercise Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology Credits: (3)
- KIN 607 Muscle Exercise Physiology Credits: (3)

Select three courses from the following (9 credit hours):

- KIN 601 Cardiorespiratory Exercise Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology Credits: (3)
- KIN 605 Topics in the Biological Basis of Kinesiology Credits: (3)
- KIN 607 Muscle Exercise Physiology Credits: (3)
- KIN 609 Environmental Physiology
- KIN 657 Therapeutic Use of Exercise in the Treatment of Disease Credits: (3)
- KIN 796 Topics in Exercise Physiology Credits: (3)

Public Health Physical Activity Behavior Emphasis (12 credit hours)

- KIN 600 Interpersonal Aspects of Physical Activity Credits: (3)
- KIN 602 Social Structural Determinants of Physical Activity Credits: (3)
- KIN 612 Policy, Built Environment and Physical Activity Credits: (3)
- KIN 614 Physical Activity Behavior Settings: Youth Sport to Senior Centers **Credits** (3)
- KIN 655 Individual Physical Activity Promotion Credits: (3)

- KIN 335 Physiology of Exercise Credits: (4)
- KIN 336 Physiology of Exercise Laboratory Credits: (1)
- KIN 345 <u>Exercise Behavioral Science</u> Credits: (5)

Kinesiology Upper-level Core Courses (15 credit hours)

Choose one course from each of the following:

Exercise Physiology (3 credit hours)

Select one course from the following (3 credit hours):

- KIN 601 Cardiorespiratory Exercise Physiology Credits: (3)
- KIN 603 Cardiovascular Exercise Physiology
- Credits: (3)
- KIN 607 Muscle Exercise Physiology Credits: (3)

Exercise Behavioral Science (3 credit hours)

Select one course from the following (3 credit hours):

- KIN 600 Interpersonal Aspects of Physical Activity Credits: (3)
- KIN 602 Social Structural Determinants of Physical Activity Credits: (3)
- KIN 612 Policy, Built Environment and Physical Activity Credits: (3)
- KIN 614 Physical Activity Behavior Settings: Youth Sport to Senior Centers Credits (3)
- KIN 655 Individual Physical Activity Promotion Credits: (3)

Select one course from the following (3 credit hours)	
 KIN 594 Sport and Exercise Psychology Credits: (3) 	
 KIN 600 – Interpersonal Aspects of Physical 	
Activity Credits: (3)	
 KIN 602 – Social Structural Determinants of 	
Physical Activity Credits: (3)	
 KIN 606 - Topics in the Behavioral Basis of 	
Kinesiology Credits: (1-3)	
 KIN 610 - Program Planning and Evaluation 	
Credits: (3)	
 KIN 612 - Policy, Built Environment and Physical 	
Activity Credits: (3)	
 KIN 614 Physical Activity Behavior Settings: Youth 	
Sport to Senior Centers Credits (3)	
 KIN 655 - Individual Physical Activity Promotion 	
Credits: (3)	
 KIN 797 - Topics in Public Health Physical Activity 	
Behavior Credits: (3	
Kinesiology Elective course (3 credit hours)	Kinesiology Elective Courses 300 level or higher (9 credit hours)
300 level or above	
Source of above	Select 9 credit hours of additional upper level KIN courses.
Total credit hours required for graduation (128-132)	Total credit hours required for graduation (130-134)

Rationale: Nutrition and Kinesiology is a dual-degree curriculum between the Department of Human Nutrition and the Department of Kinesiology. The Department of Kinesiology has proposed the following course changes that affect the Nutrition and Kinesiology curriculum:

"The Kinesiology major has streamlined the core by combining the emphasis areas, thus allowing students more flexibility in the major. Also, Math 150 has been added as an option for part of the quantitative requirement for students who would benefit from this course."

Additionally, changes in credit hours for HN 631 and KIN 310 shown in this new NUKIN curriculum were previously approved in the Human Ecology Academic Affairs meetings on 11.21.14 and 10.24.14, respectively.

Impact: Department of Kinesiology. Response was received from Craig Harms, Department Head, on February 11, 2015. No objections to proposed changes. Note: Department of Kinesiology contacted Math Department Head, Andrew Bennett 12/22/14 regarding the addition of Math 150. A response was not received at that time.

Effective: Fall 2015

Changes as a result of 3/25/15 meeting:

Course changes:

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GNHE 499: Correct course prefix to GNHE

FSHS 591 course change: Include new prefix change to PFP 591 as also submitted in multiple course prefix changes.

Curriculum changes:

Early Childhood Education, B.S.

Family Studies and Human Services, B.S.

Adjusted the curriculum changes to include approved prefix changes to Early Childhood Education (EDUC) and Personal Financial Planning (PFP) courses listed in each proposal.