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**

<table>
<thead>
<tr>
<th>CHANGE FROM:</th>
<th>CHANGE TO:</th>
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<tbody>
<tr>
<td><strong>Kinesiology (B.S)</strong></td>
<td><strong>Kinesiology (B.S.)</strong></td>
</tr>
</tbody>
</table>

**General Requirements (49-53 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)

**Humanities (6 credit hours)**

*Only courses of 3 credits or more will apply.*

**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)**

- 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)
  - or
- MATH 220 - Analytic Geometry and Calculus I **Credits**: (4)

**General Requirements (49-53 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)

**Humanities (6 credit hours)**

*Only courses of 3 credits or more will apply.*

**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)**

- 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)
  - or
- MATH 220 - Analytic Geometry and Calculus I **Credits**: (4)

- **MATH 150 – Plane Trigonometry **Credits**: (3)
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)
  or
- CIS 111 - Introduction to Computer Programming Credits: (3)

Math 220 - Analytic Geometry and Calculus I
- 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)
  - CIS 102 - Introduction to Spreadsheet Applications Credits: (1)
  - CIS 103 - Introduction to Database Applications Credits: (1)
  - CIS 104 - Introduction to Word Processing Applications Credits: (1)
  - 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)

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: (3)

**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 – 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 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  
  Credits: (3)
- KIN 797 - Topics in Public Health Physical Activity Behavior  
  Credits: (3)

**Kinesiology Electives (6 credit hours)**
- 300 level or above

**Human Nutrition (3 credit hours)**
- HN 132 - Basic Nutrition  
  Credits: (3)

**Unrestricted electives (29-33 credit hours)**
- 300 level or above (≥3 hours)

**Total hours required for graduation (120 credit hours)**

**Kinesiology Elective Courses 300 level or higher (12 credit hours)**
Select 12 credit hours of additional upper level KIN courses. At least one elective must be at 600 level or higher (12 hrs.)

**Human Nutrition (3 credit hours)**
- HN 132 - Basic Nutrition  
  Credits: (3)

**Unrestricted electives (28-32 credit hours)**
- 300 level or above (≥2 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)

**Non-Expedited Undergraduate curriculum change**

#### Department of Human Nutrition/Kinesiology

<table>
<thead>
<tr>
<th>CHANGE FROM:</th>
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<tr>
<td>Department:</td>
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<tr>
<td>College</td>
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<tr>
<td>General Requirements (65-69 credit hours)</td>
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</tr>
<tr>
<td>Communications (11-12 credit hours)</td>
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</tr>
<tr>
<td>- COMM 105 – Public Speaking 1A Credits: (2) or</td>
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<tr>
<td>- COMM 106 – Public Speaking I Credits: (3)</td>
<td>- COMM 106 – Public Speaking I Credits: (3)</td>
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<tr>
<td>- ENGL 100 – Expository Writing I Credits: (3)</td>
<td>- ENGL 100 – Expository Writing I Credits: (3)</td>
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<tr>
<td>- ENGL 200 – Expository Writing II Credits: (3)</td>
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<tr>
<td>- ENGL 417 – Written Communication for the Workplace Credits: (3)</td>
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<td>- ENGL 516 – Written Communication for the Sciences Credits: (3)</td>
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<tr>
<td>- HMD 643 – Food Writing Credits: (3)</td>
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<tr>
<td>Humanities (6 credit hours)</td>
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<tr>
<td>(Only courses of 3 credits or more will apply.)</td>
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<tr>
<td>Social Science (9 credit hours)</td>
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<tr>
<td>- ECON 110 – Principles of Macroeconomics Credits: (3)</td>
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<tr>
<td>- PSYCH 110 – General Psychology Credits: (3)</td>
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<td>- SOCIO 211 – Introduction to Sociology Credits: (3)</td>
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Nutrition and Kinesiology is a dual degree program. Students complete a total of **128-132** credit hours and earn two degrees, one from the Department of Human Nutrition and the second from the Department of Kinesiology. Graduates of this program may pursue careers in health programs offered by hospitals, industries, wellness centers, public and private clinics, fitness camps, and athletic clubs.

Nutrition and Kinesiology is a dual degree program. Students complete a total of **130-134** credit hours and earn two degrees, one from the Department of Human Nutrition and the second from the Department of Kinesiology. Graduates of this program may pursue careers in health programs offered by hospitals, industries, wellness centers, public and private clinics, fitness camps, and athletic clubs.
<table>
<thead>
<tr>
<th>Quantitative Studies (9-11 credit hours)</th>
<th>Integrative studies (1 credit hour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• MATH 220 – Analytic Geometry and Calculus I Credits: (4) or MATH 100 – College Algebra Credits: (3)</td>
<td>• GNHE 210 – Foundations of Human Ecology Credits: (1)</td>
</tr>
<tr>
<td>• STAT 325 – Introduction to Statistics Credits: (3) or STAT 340 – Biometrics I Credits: (3)</td>
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<tr>
<td>• CIS 111 – Introduction to Computer Programming Credits: (3) or CIS 101 – Introduction to Computing Systems, Information Search, and Security Credits: (1) and</td>
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<tr>
<td>• CIS 102 – Introduction to Spreadsheet Applications Credits: (1) and</td>
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<tr>
<td>Natural and Physical Sciences (29-30 credit hours)</td>
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</tr>
<tr>
<td>Biological Sciences (15-16 credit hours)</td>
<td>Biological Sciences (15-16 credit hours)</td>
</tr>
<tr>
<td>• 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)</td>
<td>• 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)</td>
</tr>
<tr>
<td>Physical Sciences (14 credit hours)</td>
<td>Physical Sciences (14 credit hours)</td>
</tr>
<tr>
<td>• 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)</td>
<td>• 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)</td>
</tr>
</tbody>
</table>
- CIS 103 – Introduction to Database Applications
  Credits: (1)
  and
- CIS 104 – Introduction to Word Processing
  Applications Credits: (1)

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**Professional Studies (65 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: (3)
- HN 632 – Clinical Nutrition II Credits: (3)

**Nutrition or Kinesiology (3 credit hours)**

- HN 635 – Nutrition and Exercise Credits: (3)
  or
- 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 12 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: (4)

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

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**Professional Studies (65 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)
  or
- 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 – Public Health Physical Activity Credits: (5)

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)

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)

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)
300 level or above

Kinesiology Elective Courses 300 level or higher (9 credit hours)
Select 9 credit hours of additional upper level KIN courses.

Total credit hours required for graduation (128-132)

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:
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.