April 24, 2013

MEMORANDUM

TO: University Curriculum Committee

FROM: Christopher Janelle (cjmj@hhp.ufl.edu)

SUBJECT: Proposed Changes to Applied Physiology and Kinesiology Curriculum (B.S.)

The Department of Applied Physiology & Kinesiology is requesting minor changes to the undergraduate program in Applied Physiology & Kinesiology. Please find attached the original curriculum revision request outlining proposed changes to the Applied Physiology & Kinesiology program. The requested changes were approved by the HHP College Curriculum Committee on April 11, 2013.
The following are curriculum requests for consideration at the April 11, 2013 CHHP Curriculum Committee meeting. These changes would be effective Fall 2013.

1. **Request for Exercise Physiology majors only**: Move PHY2054 (Physics 2) and PHY2054L (Physics 2 Lab) from a required course to an approved elective.

   **Justification:** Upon review of the course contents, our current curriculum, and comparison of our program to other similar programs, the curricular committee agrees that this course is not necessary for our students. Reassigning this course as an approved elective will afford students on a pre-med (or similar) track the opportunity to take the course without making it a requirement for those with different goals.

2. **Request for Exercise Physiology majors only**: Move APK 3113 (Principles of Strength & Conditioning) from an approved elective to a required course.

   **Justification:** This proposal was the result of a meeting of faculty who teach courses with direct and applied kinesiology components. As a group, we decided that this curricular change would give our students a firmer grip on applied kinesiology prior to internship.

3. **Request for all APK students**: Add APK Undergraduate Research as an approved elective (UCC1 form, syllabus, syllabus checklist, and program track changes attached).

   **Justification:** This course will help the department, college, and university track undergraduate students who participate in research. Additionally, this will allow students who volunteer in labs to enroll for zero credit (i.e., zero cost to the student) and have it reported on their transcript as having participated in research. This course was developed at the request of the University Curriculum Committee.
**B.S. Applied Physiology and Kinesiology (2013)**
**Specialization: Exercise Physiology**

**Suggested Schedule***

**Freshman (1HH)**
*Universal Tracking (UT) courses are bolded*

- Minimum 2.0 UF GPA required / Minimum 3.0 Universal Tracking GPA required

<table>
<thead>
<tr>
<th>Semester 1 (Fall)</th>
<th>Complete 2 UT courses</th>
<th>Semester 2 (Spring)</th>
<th>Complete 2 additional UT courses</th>
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</thead>
<tbody>
<tr>
<td>CHM2045 General Chemistry 1 (GE-P) (3) AND</td>
<td>CHM2046 General Chemistry 2 (GE-P) (3) AND</td>
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<tr>
<td>CHM2045L General Chemistry 1 Lab (GE-P) (1)</td>
<td>CHM2046L General Chemistry 2 Lab (GE-P) (1)</td>
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<tr>
<td>PSY2012 General Psychology (GE-S)</td>
<td>MAC2311 Analytic Geometry &amp; Calculus 1 (GE-M) (4) OR</td>
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<tr>
<td>MAC1147 Precalculus: Algebra &amp; Trigonometry (GE-M)</td>
<td>MAC2233 Survey of Calculus 1 (GE-M) (3)</td>
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<tr>
<td>Composition (GE-C, WR)</td>
<td>HUM2305 What is the Good Life? (GE-H)</td>
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- Total 14
- Total 13-14

**Sophomore (2HH)**
*Universal Tracking (UT) courses are bolded*

- Minimum 2.0 UF GPA required / Minimum 3.0 Universal Tracking GPA required

<table>
<thead>
<tr>
<th>Semester 3 (Fall)</th>
<th>Complete 2 additional UT courses</th>
<th>Semester 4 (Spring)</th>
<th>Complete 2 additional UT courses</th>
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<tbody>
<tr>
<td>APK2100c Applied Human Anatomy with Lab (GE-B) 4</td>
<td>APK2100c Applied Human Anatomy with Lab (GE-B) 4</td>
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<tr>
<td>BSC2010 Principles of Biology 1 (GE-B) (3) AND</td>
<td>BSC2011 Principles of Biology 2 (GE-B) (3) AND</td>
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<td>BSC2010L Principles of Biology 1 Lab (GE-B) (1)</td>
<td>BSC2011L Principles of Biology 2 Lab (GE-B) (1)</td>
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<tr>
<td>General Electives (3/4000 level)</td>
<td>ATR2010c Prevention &amp; Care of Athletic Injuries 3</td>
<td></td>
<td></td>
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<tr>
<td>(recommend AEC 3030c or SPC2608) 5</td>
<td>HSC 3537 Health and Medical Terminology 3</td>
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<tr>
<td>Humanities (GE-H/N, WR) (3/4000 level) 3</td>
<td>Humanities (GE-H/D, WR) (3/4000 level) OR</td>
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<tr>
<td>Social &amp; Behavioral Science (GE-S/D, WR) 3</td>
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- Total 16
- Total 17

**Junior (3HH)**
*Minimum 2.0 UF GPA required / Minimum 2.0 Upper Division GPA required*

<table>
<thead>
<tr>
<th>Semester 5 (Fall)</th>
<th>Complete all remaining UT courses</th>
<th>Semester 6 (Spring)</th>
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<tr>
<td>APK3110c Physiology of Exercise and Training 3</td>
<td>APK4120 Clinical Exercise Physiology 3</td>
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<tr>
<td>APK3200 Motor Learning 3</td>
<td>APK4125c Physical Fit Assessment &amp; Exercise Prescription 3</td>
<td></td>
</tr>
<tr>
<td>APK3405 Exercise Psychology OR</td>
<td>PHY2054L Physics 2 Lab 5</td>
<td></td>
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<tr>
<td>APK3400 Sport Psychology 3</td>
<td>APK 3113 Principles of Strength and Conditioning 3</td>
<td></td>
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<tr>
<td>PHY2053 Physics 1 AND</td>
<td>Approved electives (from list on back) 6</td>
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<tr>
<td>PHY2053L Physics 1 Lab 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved elective (from list on back) 3</td>
<td>Total 17</td>
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- Total 17
- Total 14-16

**Senior (4HH)**
*Minimum 2.0 UF GPA required / Minimum 2.0 Upper Division GPA required*

<table>
<thead>
<tr>
<th>Semester 7 (Fall)</th>
<th>Complete all remaining UT courses</th>
<th>Semester 8 (Spring)</th>
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<tbody>
<tr>
<td>APK3220c Biomechanical Basis of Movement 3</td>
<td>APK4940c Internship 12</td>
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<tr>
<td>APK4050 Research Methods in APK 3</td>
<td>(ALL Degree requirements must be met prior to internship start; review HHP policy for eligibility)</td>
<td></td>
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<tr>
<td>APK4112 Advanced Exercise Physiology 3</td>
<td></td>
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<tr>
<td>APK4115 Neuromuscular Aspects of Exercise 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved elective (from list on back) 2</td>
<td>Total 12</td>
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- Total 12
* Suggested schedule assumes no incoming credit & does not account for UF’s summer enrollment policy.

**Exercise Physiology Approved Elective courses**

Choose **11-13** credit hours from the list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AGR3303</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>APK3113</td>
<td>Principles of Strength and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>APK3400</td>
<td>Introduction to Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BCH3025</td>
<td>Fundamentals of Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>BCH4024</td>
<td>Intro to Biochemistry and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHM211L</td>
<td>Organic Chemistry Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>CHM2200</td>
<td>Fundamentals of Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM2210</td>
<td>Organic Chemistry 1</td>
<td>3</td>
</tr>
<tr>
<td>CHM2211</td>
<td>Organic Chemistry 2</td>
<td>3</td>
</tr>
<tr>
<td>CLP3144</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>DEP3053</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HSC4233</td>
<td>Patient Health Information</td>
<td>3</td>
</tr>
<tr>
<td>HUN2201</td>
<td>Fundamentals of Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>MCB3020</td>
<td>Basic Biology of Microorganisms</td>
<td>3</td>
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<tr>
<td>MCB3020L</td>
<td>Laboratory for Basic Biology of Microorganisms</td>
<td>1</td>
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<tr>
<td>MEL4005</td>
<td>Medicine and the Law</td>
<td>3</td>
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<tr>
<td>MEL4011</td>
<td>Introduction to the Professions of Medicine</td>
<td>3</td>
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<tr>
<td>MEL4014</td>
<td>Introduction to Medical Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>PCB3063</td>
<td>Genetics</td>
<td>4</td>
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<tr>
<td>PET3361</td>
<td>Sport Nutrition</td>
<td>3</td>
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<tr>
<td>PET4948c</td>
<td>Practicum in Exercise and Sport Sciences</td>
<td>1-5</td>
</tr>
<tr>
<td>STA2023</td>
<td>Introduction to Statistics 1</td>
<td>3</td>
</tr>
<tr>
<td>APK4XXX</td>
<td>APX Undergraduate Research</td>
<td>0-5</td>
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</table>

Approved electives listed may not be offered every semester. Check the UF catalog for credit value & prerequisites.
**B.S. Applied Physiology and Kinesiology (2013)**

**Specialization: Fitness/Wellness**

Suggested Schedule*

### Freshman (1HH)

**Universal Tracking (UT) courses are bolded**

**Semester 1:** Minimum 2.0 UF GPA required / Minimum 2.5 Universal Tracking GPA required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>PSY2012</td>
<td>General Psychology (GE-S)</td>
<td>3</td>
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<tr>
<td>MAC1140</td>
<td>Precalculus: Algebra (GE-M) (3) OR</td>
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<tr>
<td>MAC1147</td>
<td>Precalculus: Algebra&amp;Trig (GE-M) (4) OR</td>
<td></td>
</tr>
<tr>
<td>MAC2311</td>
<td>Analytic Geometry &amp; Calc 1 (GE-M) (4)</td>
<td>3-4</td>
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<tr>
<td>Composition</td>
<td>GE-C, WR</td>
<td>3</td>
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<tr>
<td>HUM2305</td>
<td>What is the Good Life? (GE-H)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>(recommend CHM1030, CHM2045, BSC2009 or BSC2010 as prerequisite for HUN2201)</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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<td>15-16</td>
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**Semester 2:** Minimum 2.0 UF GPA required / Minimum 2.6 Universal Tracking GPA required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ECO2023</td>
<td>Principles of Microeconomics** (GE-S) (4) OR</td>
<td>3-4</td>
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<tr>
<td>AEB2014</td>
<td>Economic Issues, Food &amp; You (GE-S)(3)</td>
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<tr>
<td>STA2023</td>
<td>Introduction to Statistics 1 (GE-M)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>(recommend AEC3030c Effective Oral Communication or SPC2608 Intro to Public Speaking)</td>
<td>3</td>
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<tr>
<td>Elective</td>
<td>(WR)</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td>15-16</td>
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### Sophomore (2HH)

**Universal Tracking (UT) courses are bolded**

**Semester 1:** Minimum 2.0 UF GPA required / Minimum 2.7 Universal Tracking GPA required

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<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>APK2100c</td>
<td>Applied Human Anatomy with Lab (GE-B)</td>
<td>4</td>
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<tr>
<td>HUN2201</td>
<td>Fundamentals of Human Nutrition (GE-B)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Humanities</td>
<td>(GE-H/N, WR)</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td>15</td>
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**Semester 2:** Minimum 2.0 UF GPA required / Minimum 2.8 Universal Tracking GPA required

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<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>APK2105c</td>
<td>Applied Human Physiology with Lab (GE-B)</td>
<td>4</td>
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<tr>
<td>ATR2010c</td>
<td>Prevention &amp; Care of Athletic Injuries</td>
<td>3</td>
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<tr>
<td>HSC3102</td>
<td>Personal and Family Health (GE-S)</td>
<td>3</td>
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<tr>
<td>Elective</td>
<td>(GE-D, WR)</td>
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<tr>
<td>Elective</td>
<td>(WR)</td>
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<tr>
<td><strong>Total</strong></td>
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### Junior (3HH)

**Minimum 2.0 UF GPA required / Minimum 2.0 Upper Division GPA required**

<table>
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<tr>
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<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>APK3110c</td>
<td>Physiology of Exercise and Training</td>
<td>3</td>
</tr>
<tr>
<td>APK3200</td>
<td>Motor Learning</td>
<td>3</td>
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<tr>
<td>PET3361</td>
<td>Sports Nutrition</td>
<td>3</td>
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<tr>
<td>MAN3025</td>
<td>Principles of Management (GE-S)</td>
<td>4</td>
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<td>Approved Elective (from list on back)</td>
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**Semester 6 (Spring)**

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<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>APK3113</td>
<td>Principles of Strength &amp; Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>APK4050</td>
<td>Research Methods in APK</td>
<td>3</td>
</tr>
<tr>
<td>APK4125c</td>
<td>Physical Fitness Assessment &amp; Ex Prescription</td>
<td>3</td>
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<tr>
<td>Approved Electives (from list on back)</td>
<td></td>
<td>7</td>
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<td><strong>Total</strong></td>
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### Senior (4HH)

**Minimum 2.0 UF GPA required / Minimum 2.0 Upper Division GPA required**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>APK3220c</td>
<td>Biomechanical Basis of Movement</td>
<td>3</td>
</tr>
<tr>
<td>APK3405</td>
<td>Exercise Psychology OR</td>
<td>3</td>
</tr>
<tr>
<td>MAR3023</td>
<td>Principles of Marketing (GE-S)</td>
<td>4</td>
</tr>
<tr>
<td>Approved Electives (from list on back)</td>
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<td>6</td>
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<tr>
<td><strong>Total</strong></td>
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**Semester 8 (Spring)**

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<th>Hours</th>
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<tbody>
<tr>
<td>APK4940c</td>
<td>Internship</td>
<td>12</td>
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<td>(ALL Degree requirements must be met prior to internship start; review HHP policy for eligibility)</td>
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<td><strong>Total</strong></td>
<td></td>
<td>12</td>
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* Suggested schedule assumes no incoming credit & does not account for UF's summer enrollment policy.

**ECO 2023 is required for Business minor (AEB 2014 will not be accepted)**
Fitness/Wellness Approved Elective courses
Choose 16 credit hours from the list below:

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>ADV 3008</td>
<td>Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>APK 3400</td>
<td>Introduction to Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>APK 4112</td>
<td>Advanced Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>APK 4115</td>
<td>Neuromuscular Aspects of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>APK 4120</td>
<td>Clinical Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>CLP 3144</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>DEP 3053</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ENT 3003</td>
<td>Principles of Entrepreneurship</td>
<td>4</td>
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<tr>
<td>FIN 3403</td>
<td>Business Finance</td>
<td>4</td>
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<tr>
<td>HSC3232c</td>
<td>Exer Ther, Adapt Physical Activity, and Health (GE-D)</td>
<td>3</td>
</tr>
<tr>
<td>HSC3537</td>
<td>Health and Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSC4233</td>
<td>Patient Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HSC4579</td>
<td>Women's Health Issues</td>
<td>3</td>
</tr>
<tr>
<td>LEI 3320</td>
<td>Leadership in Recreation and Leisure Services</td>
<td>2</td>
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<tr>
<td>MEL 4011</td>
<td>Introduction to the Professions of Medicine</td>
<td>3</td>
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<td>MEL 4014</td>
<td>Introduction to Medical Bioethics</td>
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<tr>
<td>PET4948c</td>
<td>Practicum</td>
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<tr>
<td>SPM 3306</td>
<td>Sport Marketing</td>
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<td>SPM 4723</td>
<td>Legal Issues in Sport and Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>APK4XXX</td>
<td>APK Undergraduate Research</td>
<td>0.5</td>
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</table>

Approved electives listed may not be offered every semester. Check the UF catalog for credit value & prerequisites.