Department of Human Studies

Interim Chair: Retta Evans, PhD, MCHES®

The Department of Human Studies offers undergraduate majors in both Community Health and Human Services and Kinesiology. Community Health and Human Services majors choose between two concentrations: Community Health (non-teaching) and Human Services (non-teaching). Community Health and Human Services also offers a minor in Community Health and a minor in Human Services. Kinesiology majors choose among four concentrations: Physical Education Teacher Certification (grades P-12), Fitness Leadership (non-teaching), Exercise Bioenergetics (non-teaching), or Exercise Science (non-teaching). Kinesiology also offers a minor in Athletic Coaching and a minor in Exercise Science. Programs leading to degrees and/or certificates in Counseling and Educational Leadership are offered at the graduate level.

Students should contact the Office of Student Services, Suite 232, Education Building, (205) 934-7530, early in their studies to obtain the name of their advisor and pertinent program information related to the Core Curriculum. Students should consult their advisor prior to each registration period for the appropriate guidance (e.g., students are expected to take courses in the appropriate sequence, including prerequisites).

The Department of Human Studies offers an Honors Program for Exercise Bioenergetics, Exercise Science, and Fitness Leadership students. Highly qualified students will have the opportunity to work one-on-one with a mentor in an area of mutual interest and conduct either a research or civic engagement project designed to meet some particular need as it relates to pertinent areas of fitness, exercise, and physical activity. For more information go to: https://www.uab.edu/education/home/pe-honors-program/.

Major in Community Health and Human Services with a Community Health Concentration

A grade of “C” or better is required in all majors courses.

Required Courses in Core Curriculum

Students, in consultation with their academic advisor, must sequence requirements to meet any stated prerequisite requirements for specific courses in their curriculum, including UAB Core Curriculum requirements stated in this catalog. These courses are required for this major and can also fulfill core curriculum requirements:

Area II Humanities and Fine Arts: CMST 101

Area III Natural Science with Lab: BY 101 & BY 102 and CH 105 & CH 106

Area IV Social Science: PY 101 or SOC 100 and one of the following: PY 212 or ANTH 101

Literature sequence preferred: EH 217 & EH 218 or EH 221 & EH 222 or EH 223 & EH 224

Major in Community Health and Human Services with a Community Health Concentration

Requirements

<table>
<thead>
<tr>
<th>Blazer Core Curriculum Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Touch the Future</td>
</tr>
<tr>
<td>EH 101</td>
<td>English Composition I</td>
</tr>
<tr>
<td>or EH 106 Introduction to Freshman Writing I</td>
<td></td>
</tr>
<tr>
<td>EH 102</td>
<td>English Composition II</td>
</tr>
<tr>
<td>or EH 107 Introduction to Freshman Writing II</td>
<td></td>
</tr>
<tr>
<td>CMST 101</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>BY 101</td>
<td>Topics in Contemporary Biology</td>
</tr>
<tr>
<td>&amp; BY 102</td>
<td>and Topics Contemporary Biology Laboratory</td>
</tr>
<tr>
<td>CH 105</td>
<td>Introductory Chemistry I</td>
</tr>
<tr>
<td>&amp; CH 106</td>
<td>and Introductory Chemistry I Laboratory</td>
</tr>
<tr>
<td>PY 101</td>
<td>Introduction to Psychology</td>
</tr>
</tbody>
</table>

Lower Level Requirements

| CHHS 140 | First Aid | 3 |
| CHHS 141 | Personal Health & Wellness | 3 |
| EPR 214 | Introduction to Educational Statistics | 3 |
| BY 115 | Human Anatomy | 4 |
| BY 116 | Introductory Human Physiology | 4 |
| NTR 222 | Nutrition and Health | 3 |

Pre-Professional Coursework

| CHHS 141 | Personal Health & Wellness | 3 |
| CHHS 140 | First Aid | 3 |
| EPR 214 | Introduction to Educational Statistics | 3 |
| CHHS 230 | Concepts of Disease, Health, & Behavior Change for Health Education/Promotion | 3 |
| CHHS 231 | Concepts of Disease Burden & Prevention through Health Education/Promotion | 3 |
| NTR 222 | Nutrition and Health | 3 |

Major Requirements

| CHHS 223 | Introduction to Disease Prevention in Community Health and Human Services | 3 |
| CHHS 342 | The Health Education/Promotion Specialist | 3 |
| CHHS 343 | Behavioral Theory in Health Education/Promotion | 3 |
| CHHS 421 | Health Communications & Health Coaching | 3 |
| CHHS 431 | Planning and Implementing Health Education/Promotion Programs | 3 |
| CHHS 432 | Administration of Health Education/Promotion Programs | 3 |
| EPR 414 | Lifespan Human Development | 3 |
| CHHS 452 | Evaluation and Grantsmanship in Health Education/Promotion Programs | 3 |
| CHHS 489 | Intervention Strategies for Community Health & Human Services | 3 |
| CHHS 499 | Community Health Internship | 9 |

Community Health Electives:

| CHHS 402 | Mental Health, Stress Management & Wellness Promotion | 3 |
| CHHS 404 | Global Trends in Health Education/Promotion | 3 |
| CHHS 408 | Substance Abuse Prevention and Education | 3 |
| CHHS 423 | Human Sexuality | 3 |
| CHHS 426 | Wellness Promotion Peer Educators Part 1 | 3 |
| CHHS 427 | SHAPE Peer Education | 3 |
| CHHS 428 | Wellness Promotion Peer Education Part 2 | 3 |
A minimum of 120 credit hours is required for degree.

1 Blazer Core Curriculum requirements
2 Fulfills Academic Foundations: Writing
3 Fulfills Academic Foundations: Communicating in the Modern World
4 Fulfills Thinking Broadly: Scientific Inquiry
5 An 18 hour minor area of study is required.

Major in Community Health and Human Services with a Human Services Concentration (Online)

A grade of "C" or better is required in all majors courses.

Required Courses in Core Curriculum

Students, in consultation with their academic advisor, must sequence requirements to meet any stated prerequisite requirements for specific courses in their curriculum, including UAB Core Curriculum requirements stated in this catalog. These courses are required for this major and can also fulfill core curriculum requirements:

Area II Humanities and Fine Arts: CMST 101

Area III Natural Science with Lab: BY 101 & BY 102, CH 105 & CH 106

Area IV Social Science: PY 101 and one of the following: SOC 100 or ANTH 101 or PY 212

Major in Community Health with a Concentration in Human Services

Requirements Hours
Core Curriculum Requirements 1 41

EH 101 English Composition I 2
or EH 106 Introduction to Freshman Writing I

EH 102 English Composition II 2
or EH 107 Introduction to Freshman Writing II

CMST 101 Public Speaking 3

BY 101 Topics in Contemporary Biology
& BY 102 and Topics Contemporary Biology Laboratory 4

CH 105 Introductory Chemistry I
& CH 106 and Introductory Chemistry I Laboratory 4

PY 101 Introduction to Psychology 5

SOC 100 Introduction to Sociology 5

or ANTH 1 Introducing Cultural Anthropology
or GEO 1 World Regional Geography

Lower Division Requirements 6

PY 218 Psychopathology 3

PSC 101 Foundations of American Government 3

CHHS 141 Personal Health & Wellness 3

CHHS 223 Introduction to Disease Prevention in Community Health and Human Services 3

SW 200 Professional Communication in Social Work 3

EPR 214 Introduction to Educational Statistics 3

Human Services Requirements 6

CHHS 300 Ethics and Policy in Human Services 3

CHHS 305 Social and Cultural Diversity in Human Services 3

CHHS 350 The Human Services Professional 4

CHHS 402 Mental Health, Stress Management & Wellness Promotion 3

CHHS 408 Substance Abuse Prevention and Education 3

CHHS 415 Case Management in Human Services 3

CHHS 420 Microskills & Coaching in Community Health and Human Services 4

CHHS 423 Human Sexuality 3

CHHS 425 Community Mobilization in Human Services 3

CHHS 455 Fundraising and Philanthropy in Human Services 3

CHHS 460 Management of Human Services Organizations 3

CHHS 489 Intervention Strategies for Community Health & Human Services 3

EPR 414 Lifespan Human Development 3

CHHS 499 Community Health Internship 9

Concentration Electives 7 12

Total Hours 121

1 Core Curriculum Requirements
2 Fulfills a Core Area I: Composition requirement.
3 Fulfills a Core Area II Humanities requirement.
4 Fulfills a Core Area II Natural Science with lab requirement.
5 Fulfills a Core Area IV: Social Science requirement.
6 Must earn a C or better to fulfill the requirements in this area.
7 Concentration electives may vary based on internship credits completed.

*A minimum of 120 credit hours are required for degree.

Kinesiology Programs

Students majoring in Kinesiology may choose from three concentrations: teacher certification, exercise bioenergetics, exercise science, and fitness leadership. The teacher certification program prepares students for entry into teaching positions in grades P-12. The exercise bioenergetics program prepares students for academic, industry, and research careers in the areas of clinical nutrition, sports nutrition, research in human health and disease, human performance, and aging. The exercise science program prepares students for graduate work in exercise physiology or health related careers such as physical therapy and occupational therapy. The fitness leadership program prepares students to be fitness leaders in fitness centers, clinics, or industrial settings.

Kinesiology Major: Teacher Certification

A grade of "C" or better is required in all math, science, and major courses.

Core Curriculum for Kinesiology Major: Teacher Certification.

EH 101/102 requires one grade of at least a “B” or higher and one grade of "C” or higher for teacher certification.
Major in Kinesiology with a Teacher Certification Concentration

Requirements

Core Curriculum Requirements ¹
- EH 101 English Composition I ²
- EH 102 English Composition II ²
- CMST 101 Public Speaking ³
- PY 101 Introduction to Psychology ⁴
See Biology for one Core Curriculum Area III: Natural Science
See Chemistry for one Core Curriculum Area III: Natural Science

Lower Division Requirements
- CHHS 200 Quality of Life 2
- BY 115 Human Anatomy 4
- BY 116 Introductory Human Physiology 4
- EPR 214 Introduction to Educational Statistics 3
  or MA 180 Introduction to Statistics 3
- CHHS 140 First Aid ⁵

Foundations & Professional Studies
- EDU 200 Education as a Profession 3
- ECO 300 Survey of Special Education 3
- EDF 362 Foundations of Education I: Social, Historical, Philosophical 3
- EPR 363 Foundations of Education II: Psychological 3
- EDR 421 Reading in Content Areas 1

Major Requirements

Aquatics 1
- Select one of the following courses:
  - KIN 101 Beginning and Advanced Beginning Swimming
  - KIN 102 Intermediate Swimming/Swimmer Course
  - KIN 103 Lifeguard Training

Kinesiology Courses
- KIN 112 Dance and Gymnastics 1
- KIN 114 Rec Games/Outdoor Leisure 1
- KIN 115 Weight Training 1
- KIN 117 Team Sports 1
- KIN 118 Sports Using Implements 1
- KIN 131 Aerobics 1
- KIN 132 Group Exercise Leadership 1
- KIN 136 Intro to Physical Education Fitness and Sport 3
- KIN 201 Officiating Techniques 1
- KIN 300 Organization and Administration of Physical Education 3
- KIN 305 Motor Development 3
- KIN 307 Applied Kinesiology 3
- KIN 400 Physiology of Exercise 4
- KIN 402 Basic Athletic Training 2
- KIN 407 Coaching Young Athletes 3

Kinesiology Teaching Field Courses (TEP Admission Required)
- KIN 308 Adapted Physical Education 3
- KIN 311 Elementary School Physical Education 3
- KIN 320 Fitness/Motor Skill Acquisition 4
  & 320L and Sports Skill Proficiency 4
- KIN 323 Techniques Teaching Fitness and Nutrition in Sec. Schools 3
- KIN 409 Assessment in Physical Education 3
- KIN 489 Instructional Strategy for Physical Education K-12 6

Internship

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>KIN 495</td>
<td>Elementary/Secondary Physical Education Student Teaching</td>
</tr>
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</table>

Total Hours 131

A minimum of 120 hours are required for graduation. Students may need to take general electives to reach the credit hour requirement. Elective hours may vary based on course selection.

¹ Core Curriculum requirements
² Fulfills a Core Curriculum Area I: Composition requirement
³ Fulfills a Core Curriculum Area II: Humanities requirement.
⁴ Fulfills a Core Curriculum Area IV: Social & Behavioral Science Requirement.
⁵ See Kinesiology program policy for 0 credit hour CHHS 140 waiver criteria: http://www.uab.edu/education/home/images/pdf/hs/chhs-140-substitution-policy-for-kinesiology.pdf

Kinesiology Major: Exercise Bioenergetics Concentrations

A grade of C or better is required in all math, science, and major courses. Note: UAB requires 120 total semester hours in order to graduate. Students with this major may need additional electives to meet this requirement.

Required Courses in Core Curriculum

Students, in consultation with their academic advisor, must sequence requirements to meet any stated prerequisite requirements for specific courses in their curriculum, including UAB Core Curriculum requirements stated in this catalog. These courses are required for this major and can also fulfill core curriculum requirements.

Requirements for Kinesiology with a Concentration in Exercise Bioenergetics

Requirements

Core Curriculum Requirements ¹
- EH 101 English Composition I ²
  or EH 106 Introduction to Freshman Writing I
- EH 102 English Composition II ²
  or EH 107 Introduction to Freshman Writing II
- CMST 101 Public Speaking ³
- Area III: Natural Science ⁴
- BY 101 Topics in Contemporary Biology
  & BY 102 Topics in Contemporary Biology Laboratory
  or BY 123 Introductory Biology I
  & 123L Introductory Biology I Laboratory
- CH 105 Introductory Chemistry I
  & CH 106 Introductory Chemistry I Laboratory
- MA 106 Pre-Calculus Trigonometry ⁵
- PY 101 Introduction to Psychology ⁶

Lower Level ⁷
- BY 115 Human Anatomy
- BY 116 Introductory Human Physiology
- CHHS 140 First Aid
- CHHS 141 Personal Health & Wellness
- EPR 214 Introduction to Educational Statistics
- NTR 222 Nutrition and Health

Total Hours 24
A minimum of 121 hours are required for graduation. Students may need to take general electives to reach the credit hour requirement. Elective hours may vary based on course selection. A grade of "C" or higher is required in all math, science, and major courses and CMST 101.

Students who are in the Department of Human Studies Honors Program will be placed in the Honors Section of KIN 485 and 499.

### Kinesiology Major: Exercise Science Concentration

A grade of C or better is required in all math, science, and major courses. Note: UAB requires 120 total semester hours in order to graduate. Students with this major may need additional electives to meet this requirement.

### Required Courses in Core Curriculum

Students, in consultation with their academic advisor, must sequence requirements to meet any stated prerequisite requirements for specific courses in their curriculum, including UAB Core Curriculum requirements stated in this catalog. These courses are required for this major and can also fulfill core curriculum requirements:

#### Area II Humanities and Fine Arts:
- CMST 101

#### Area III Natural Science with Lab:
- PH 201 or PH 221 and CH 105 & CH 106

### Kinesiology with a Concentration in Exercise Science

#### Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Curriculum Requirements</td>
<td>41</td>
</tr>
<tr>
<td>EH 101 English Composition I</td>
<td>2</td>
</tr>
<tr>
<td>or EH 106 Introduction to Freshman Writing I</td>
<td></td>
</tr>
<tr>
<td>EH 102 English Composition II</td>
<td>2</td>
</tr>
<tr>
<td>or EH 107 Introduction to Freshman Writing II</td>
<td></td>
</tr>
<tr>
<td>CMST 101 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Area III: Natural Science</td>
<td>4</td>
</tr>
<tr>
<td>MA 106 Pre-Calculus Trigonometry</td>
<td>5</td>
</tr>
<tr>
<td>PH 201 College Physics I</td>
<td></td>
</tr>
<tr>
<td>or PH 221 General Physics I</td>
<td></td>
</tr>
<tr>
<td>CH 105 Introductory Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CH 106 and Introductory Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>or CH 115 General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CH 116 and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>A minimum of 121 hours are required for graduation. Students may need to take general electives to reach the credit hour requirement. Elective hours may vary based on course selection. A grade of &quot;C&quot; or higher is required in all math, science, and major courses and CMST 101.</td>
<td></td>
</tr>
</tbody>
</table>

1. **Core Curriculum requirements**
2. Fulfills a Core Curriculum Area I: Composition requirement.
3. Fulfills a Core Curriculum Area II: Humanities requirement.
4. Fulfills Core Area III: Natural Science. Select one sequence from CH 105 & CH 106 or CH 115 & 116. Select one sequence from BY 101 & BY 102 or BY 123 & BY 123L.
5. Fulfills a Core Curriculum Area III: Mathematics Requirement
6. Fulfills a Core Curriculum Area IV: Social & Behavioral Science requirement
7. Must earn a C or better to fulfill requirements in Lower Level and Major.
8. The 3-hour elective is in addition to the 3 hours of KIN 499 in the Internship section. No more than a total of 6 hours of KIN 499 may be applied to the degree.

### Kinesiology Elective Courses

<table>
<thead>
<tr>
<th>Kinesiology Elective Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one from the following:</td>
<td>1</td>
</tr>
<tr>
<td>KIN 101 Beginning and Advanced Beginning Swimming</td>
<td></td>
</tr>
<tr>
<td>KIN 102 Intermediate Swimming/Swimmer Course</td>
<td></td>
</tr>
<tr>
<td>KIN 103 Lifeguard Training</td>
<td></td>
</tr>
<tr>
<td>KIN 115 Weight Training</td>
<td></td>
</tr>
<tr>
<td>KIN 131 Aerobics</td>
<td></td>
</tr>
<tr>
<td>KIN 222 Concepts of Health and Fitness</td>
<td>3</td>
</tr>
<tr>
<td>KIN 307 Applied Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 400 Physiology of Exercise</td>
<td>4</td>
</tr>
<tr>
<td>KIN 405 Sports Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KIN 485 Exercise Testing/Prescription</td>
<td>3</td>
</tr>
<tr>
<td>NTR 232 Lifecycle Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NTR 320 Nutrition and the Consumer</td>
<td>3</td>
</tr>
<tr>
<td>NTR 330 Nutrition and Metabolism</td>
<td>3</td>
</tr>
<tr>
<td>NTR 420 Nutritional Genetics</td>
<td>3</td>
</tr>
<tr>
<td>NTR 421 Nutrition Assessment and the Nutrition Care Process</td>
<td>3</td>
</tr>
<tr>
<td>BY 261 Introduction to Microbiology</td>
<td>4</td>
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<tr>
<td>Select fifteen credits from the following:</td>
<td>15</td>
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<tr>
<td>KIN 305 Motor Development</td>
<td></td>
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<tr>
<td>KIN 340 Planning/Management of Fitness Facilities</td>
<td></td>
</tr>
<tr>
<td>KIN 402 Basic Athletic Training</td>
<td></td>
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<tr>
<td>KIN 425 Biomechanics</td>
<td></td>
</tr>
<tr>
<td>KIN 440 Principles of Conditioning the Athlete</td>
<td></td>
</tr>
<tr>
<td>KIN 450 Physical Activity for Individuals with Disabilities/SL</td>
<td></td>
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<tr>
<td>KIN 451 Physical Activity for Senior Adults</td>
<td></td>
</tr>
<tr>
<td>KIN 460 Clinical Exercise Physiology</td>
<td></td>
</tr>
<tr>
<td>KIN 470 Advanced Treatment Athletic Training</td>
<td></td>
</tr>
<tr>
<td>KIN 499 Kinesiology Internship</td>
<td>8</td>
</tr>
<tr>
<td>Internship</td>
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<tr>
<td>KIN 499 Kinesiology Internship</td>
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</tr>
<tr>
<td>Total Hours</td>
<td>121</td>
</tr>
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</table>

### Lower Level Requirements

<table>
<thead>
<tr>
<th>Lower Level Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY 115 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BY 116 Introductory Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>CHHS 140 First Aid</td>
<td>3</td>
</tr>
<tr>
<td>CHHS 141 Personal Health &amp; Wellness</td>
<td>3</td>
</tr>
<tr>
<td>EPR 214 Introduction to Educational Statistics</td>
<td>3</td>
</tr>
<tr>
<td>or MA 180 Introduction to Statistics</td>
<td></td>
</tr>
</tbody>
</table>

### Major Requirements

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 101 Beginning and Advanced Beginning Swimming</td>
<td></td>
</tr>
<tr>
<td>KIN 102 Intermediate Swimming/Swimmer Course</td>
<td></td>
</tr>
<tr>
<td>KIN 103 Lifeguard Training</td>
<td></td>
</tr>
<tr>
<td>KIN 115 Weight Training</td>
<td>1</td>
</tr>
</tbody>
</table>
KIN 131  Aerobics  1
KIN 136  Intro to Physical Education Fitness and Sport  3
KIN 307  Applied Kinesiology  3
KIN 400  Physiology of Exercise  4
KIN 405  Sports Nutrition  3
KIN 425  Biomechanics  3
KIN 485  Exercise Testing/Prescription  12  3

Kinesiology Elective Courses  16-19
  KIN 132  Group Exercise Leadership
  KIN 222  Concepts of Health and Fitness
  KIN 305  Motor Development
  KIN 340  Planning/Management of Fitness Facilities
  KIN 402  Basic Athletic Training
  KIN 440  Principles of Conditioning the Athlete
  KIN 450  Physical Activity for Individuals with Disabilities/SL
  KIN 451  Physical Activity for Senior Adults
  KIN 460  Clinical Exercise Physiology
  KIN 470  Advanced Treatment Athletic Training
  KIN 499  Kinesiology Internship  3
  CHHS 223  Introduction to Disease Prevention in Community Health and Human Services

Major Science Elective Requirements  10, 11  18-21
  KIN 499  Kinesiology Internship  12  3

General Elective

Total Hours  117-123

Kinesiology Major: Sports Physiology & Performance Concentration

A grade of “C” or better is required in all math, science, and major courses. Note: UAB requires 120 total semester hours in order to graduate. Students with this major will need additional electives to meet this requirement.

Required Courses in Core Curriculum

Students, in consultation with their academic advisor, must sequence requirements to meet any stated prerequisite requirements for specific courses in their curriculum, including UAB Core Curriculum requirements stated in this catalog. These courses are required for this major and can also fulfill core curriculum requirements.

Area II Humanities and Fine Arts: CMST 101
Area III Natural Science with Lab: PH 201 or BY 101 & BY 102
Area IV Social Science: PY 101

Major in Kinesiology with a Sports Physiology & Performance Concentration

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Curriculum Requirements  1</td>
<td>41</td>
</tr>
<tr>
<td>EH 101  English Composition I  2</td>
<td></td>
</tr>
<tr>
<td>or EH 106 Introduction to Freshman Writing I</td>
<td></td>
</tr>
<tr>
<td>EH 102  English Composition II  2</td>
<td></td>
</tr>
<tr>
<td>or EH 107 Introduction to Freshman Writing II</td>
<td></td>
</tr>
<tr>
<td>CMST 101  Public Speaking  3</td>
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</tr>
<tr>
<td>BY 101  Topics in Contemporary Biology &amp; BY 102 and Topics in Contemporary Biology Laboratory</td>
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</tr>
<tr>
<td>CH 105  Introductory Chemistry I &amp; CH 106 and Introductory Chemistry I Laboratory  4</td>
<td></td>
</tr>
<tr>
<td>MA 105  Pre-Calculus Algebra</td>
<td></td>
</tr>
<tr>
<td>PY 101  Introduction to Psychology  5</td>
<td></td>
</tr>
<tr>
<td>Lower Level  6</td>
<td></td>
</tr>
<tr>
<td>CH 107  Introductory Chemistry II &amp; CH 108 and Introductory Chemistry II Laboratory</td>
<td></td>
</tr>
<tr>
<td>BY 115  Human Anatomy</td>
<td></td>
</tr>
<tr>
<td>BY 116  Introductory Human Physiology</td>
<td></td>
</tr>
<tr>
<td>CHHS 140  First Aid</td>
<td></td>
</tr>
<tr>
<td>CHHS 141  Personal Health &amp; Wellness or KIN 222 Concepts of Health and Fitness</td>
<td></td>
</tr>
<tr>
<td>KIN 136  Intro to Physical Education Fitness and Sport</td>
<td></td>
</tr>
<tr>
<td>EPR 214  Introduction to Educational Statistics</td>
<td></td>
</tr>
<tr>
<td>MA 106  Pre-Calculus Trigonometry</td>
<td></td>
</tr>
<tr>
<td>Major Requirements  6</td>
<td></td>
</tr>
<tr>
<td>KIN 115  Weight Training</td>
<td></td>
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<tr>
<td>Choose three of the following KIN electives:</td>
<td>3</td>
</tr>
<tr>
<td>KIN 101  Beginning and Advanced Beginning Swimming</td>
<td></td>
</tr>
<tr>
<td>KIN 102  Intermediate Swimming/Beginner’s Level</td>
<td></td>
</tr>
<tr>
<td>KIN 103  Lifeguard Training</td>
<td></td>
</tr>
<tr>
<td>KIN 105  Golf</td>
<td></td>
</tr>
<tr>
<td>KIN 112  Dance and Gymnastics</td>
<td></td>
</tr>
<tr>
<td>KIN 114  Rec Games/Outdoor Leisure</td>
<td></td>
</tr>
<tr>
<td>KIN 117  Team Sports</td>
<td></td>
</tr>
<tr>
<td>KIN 118  Sports Using Implements</td>
<td></td>
</tr>
</tbody>
</table>

1 Core Curriculum requirements
2 Fulfills Core Area I: Composition requirement.
3 Fulfills Core Area II: Humanities requirement.
4 Fulfills Core Area III: Natural Science. Select one sequence from CH 105 & CH 106 or CH 115 & 116. Select one from PH 201 or PH 221.
5 Fulfills Core Area III: Mathematics.
6 Fulfills Core Area IV: Social & Behavioral Science.
7 Must earn a C or better to fulfill requirements in Lower Level and Major.
8 Must take if not taken as a part of Core Curriculum requirements.
9 This elective is in addition to the 3 hours of KIN 499 in the Internship section. No more than a total of 6 hours of KIN 499 may be applied to the degree.
10 Courses taken may not be applied to both major requirements and core curriculum. A maximum of 10 hours of PH, MA, CH, or BY courses can be taken to meet this requirement.
11 Major science electives may be chosen from: HCM 330, HCM 350, BY 123, BY 124, BY 210, BY 216 or NMT 320, BY 261, BY 271, BY 314, BY 327, BY 330, BY 409, BY 420, CH 107/CH 108 or CH 117/CH 118, CH 235/CH 236, CH 237/CH 238, CH 460, MA 125, MA 126, MHP 601, PY 218, PY 330, PH 202 or PH 222, and NMT 605
12 Students who are in the Department of Human Studies Honors Program will be placed in the Honors Section of KIN 485 and 499.
KIN 124  Beginning Whitewater Kayaking
KIN 130  Scuba Diving
KIN 131  Aerobics
KIN 132  Group Exercise Leadership
KIN 305  Motor Development 3
KIN 307  Applied Kinesiology 3
KIN 340  Planning/Management of Fitness Facilities 3
KIN 400  Physiology of Exercise 4
KIN 402  Basic Athletic Training 2
KIN 405  Sports Nutrition 3
KIN 425  Biomechanics 3
KIN 440  Principles of Conditioning the Athlete 3
KIN 485  Exercise Testing/Prescription 10 3
MG 302  Management Processes and Behavior 3
General Electives: (Choose Five) 6,8 15
  KIN 407  Coaching Young Athletes
  KIN 450  Physical Activity for Individuals with Disabilities/SL
  KIN 460  Clinical Exercise Physiology
  KIN 470  Advanced Treatment Athletic Training
  KIN 492  Special Projects in Kinesiology
  or KIN 499 Kinesiology Internship
  EC 210  Principles of Microeconomics
  EC 211  Principles of Macroeconomics
  EC 415  Sports Economics
  MK 333  Sports Marketing
  MG 409  Human Resource Management
  MG 430  Management and Leadership in Sports and Entertainment Organizations
  BUS 310  Accounting and Finance for Nonbusiness Majors
  PY 218  Psychopathology 10
  or PY 330 Sport Psychology
  KIN 499  Kinesiology Internship 8 3

Total Hours 120

A minimum of 120 hours are required for graduation. Students may need to take general electives to reach the credit hour requirement. Elective hours may vary based on course selection.

1 Core Curriculum requirements
2 Fullfills Core Area I: Composition requirement
3 Fullfills Core Area II: Humanities requirement.
4 Fullfills Core Area III: Natural Science requirement.
5 Fullfills Core Area IV: Social & Behavioral Science requirement.
6 Must earn a C or better to fulfill a lower level or major requirement.
7 Must take if not taken as a part of the core curriculum.
8 The 3-hour elective is in addition to the 3 hours of KIN 499 in the "Internship" section. No more than a total of 6 hours of KIN 499 may be applied to the degree.
9 Students who are in the Department of Human Studies Honors Program will be placed in the Honors Section of KIN 485 and KIN 499.
10 May not choose more than one Psychology elective

Requirements

• Junior standing
• Completion of 9 hours pre-professional education courses
• 3.5 GPA in Education courses
• 3.0 GPA overall
• Faculty recommendation from Mentor

About the Honors Program

The Department of Human Studies Physical Education Honors Program provides high achieving Physical Education Teacher Certification students with the opportunity to participate in honors (HON) sections of KIN 409 and KIN 489. During which time the teacher candidate will collaborate with faculty mentors (Dr. Sims and Dr. Mowling) in pursuit of their intellectual interests and complete an honors project. As a result of participating in the Honors program, the teacher candidate will have an opportunity to conduct an in-depth literature review plus a research project designed to meet some particular need related to physical education.

Honors Coursework

By the completion of KIN 489 HON (6 credits), students should have devoted at least 90 hours to their honors project. Faculty mentors submit either a satisfactory or unsatisfactory progress report and a copy of each student’s written report—while each student submits a journal (hourly log) of his or her activities signed by the faculty mentors. Honors Project

In order to complete the honors project successfully, each student must produce a written report and a public presentation that meets stated criteria in the syllabus.

Graduating with Honors

Honors students must earn a grade of ‘A’ in HON sections of both KIN 409 and KIN 489 in order to graduate with “Honors in Education.” Honors students must also maintain an overall GPA of 3.5 or higher throughout their degree. Honors graduates will wear a ‘white cord’ at the Commencement ceremony (picked up from the Honors table), and with ‘Honors in Education’ will be printed by their name in the Program.

Community Health and Human Services: Community Health Concentration

Proposed Program of Study

Freshman

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
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</tr>
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<tbody>
<tr>
<td>EDU 100</td>
<td>2-3</td>
<td>EH 102 or 107</td>
<td>3</td>
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<tr>
<td>EH 101 or 106</td>
<td>3 CMST 101</td>
<td>3</td>
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<tr>
<td>Area III: Natural Science 101/102</td>
<td>4 CH 105</td>
<td>4 &amp; CH 106</td>
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<tr>
<td>Area III: Math 105 or Higher</td>
<td>3 Area II: Fine Arts</td>
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<tr>
<td>CHHS 140</td>
<td>3 CHHS 141</td>
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<td>15-16</td>
<td>16</td>
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Sophomore

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
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<tr>
<td>Area II: Literature</td>
<td>3 Area II: Literature</td>
<td>3</td>
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</tr>
<tr>
<td>Area IV: Social and Behavioral Science</td>
<td>3 Area IV: History , Social, and Behavioral Science</td>
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</tbody>
</table>

Kinesiology: Physical Education Honors Program

Department of Human Studies Honors Program
Area IV: History, Social, and Behavioral Science

BY 115
BY 116
CHHS 223

16

Junior
First Term | Hours | Second Term | Hours
--- | --- | --- | ---
NTR 222 | 3 | EPR 414 | 3
CHHS 342 | 3 | CHHS 343 | 3
EPR 214 | 3 | CHHS 421 | 3
Minor Area Course | 3 | Minor Area Course | 3
Minor Area Course | 3 | Minor Area Course | 3

15-16

Senior
First Term | Hours | Second Term | Hours
--- | --- | --- | ---
CHHS 420 | 3 | CHHS 460 | 3
CHHS 425 | 3 | EPR 414 | 3
Concentration Elective | 3

15-16

Total credit hours: 117-124

Kinesiology (Teacher Certification)
Proposed Program of Study

Freshman
First Term | Hour | Second Term | Hour | Summer Term | Hour
--- | --- | --- | --- | --- | ---
EDU 100 | 3 | EH 102 | 3 | ECY 300 (Online) | 3
PY 101 | 3 | EDU 200 | 3 | SOC 100 (Online) | 3
MA 105 | 3 | HY 102 | 3 | THR 100 (Online) | 3
EH 101 | 3 | KIN 112 | 1
KIN 101 | 1 | BY 101 | 4
& BY 102
HY 101 | 3 | KIN 114 | 1
KIN 118 | 1

15-16

Sophomore
First Term | Hour | Second Term | Hour | Summer Term | Hour
--- | --- | --- | --- | --- | ---
KIN 117 | 1 | KIN 136 | 1 | CHHS 140 | 3
EH 217 | 3 | BY 115 | 3
EDF 362 | 3 | EPR 363 | 3
CMST 101 | 3 | KIN 201 | 3
CH 105 | 4 | MU 120 | 3
KIN 115 | 1 | KIN 132 | 1
KIN 131 | 1

15-16

Junior
First Term | Hour | Second Term | Hour | Summer Term | Hour
--- | --- | --- | --- | --- | ---
KIN 300 | 3 | KIN 320 | 3 | & KIN 202
BY 116 | 4 | EPR 214 | 3
KIN 307 | 3 | KIN 323 | 3
KIN 407 | 3 | KIN 311 | 3
CHHS 200 | 2 | KIN 409 | 3
KIN 117 | 1

16-16

Senior
First Term | Hour | Second Term | Hour | Summer Term | Hour
--- | --- | --- | --- | --- | ---
KIN 489 | 6 | KIN 495 | 9
KIN 400 | 4
KIN 402 | 2
KIN 308 | 3

15-16

Total credit hours: 131-132

Kinesiology Exercise Science
Concentration - Proposed Program of Study

Freshman
First Term | Hour | Second Term | Hour | Summer Term | Hour
--- | --- | --- | --- | --- | ---
EDU 100 | 3 | EH 102 or 107 | 3 | CHHS 140 Waiver | 0
EH 101 or 106 | 3 | KIN 136 | 3
MA 106 | 3 | CHHS 141 | 3
## Department of Human Studies

### PY 101
3 Area IV: Social Science Non-History
3

### CMST 101
3 Area IV: History
3

<table>
<thead>
<tr>
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<tr>
<td>First Term</td>
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<tr>
<td>BY 115</td>
<td>4 BY 116</td>
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<td>Area II: Literature</td>
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<td>Area IV: Social Science</td>
<td>3 Area II: Fine Art</td>
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<tr>
<td>CH 115</td>
<td>4 Area IV: Social Science &amp; CH 116</td>
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<tr>
<td>KIN 101</td>
<td>1 KIN 131</td>
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| 15 | 15 | 0 |

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<tbody>
<tr>
<td>First Term</td>
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<td>Area II: Fine Art or Humanities</td>
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<tr>
<td>KIN 307</td>
<td>3 PH 201</td>
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<tr>
<td>CH 117 &amp; CH 118</td>
<td>4 KIN 132</td>
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<tr>
<td>KIN 400</td>
<td>4 KIN 440</td>
<td>3</td>
</tr>
<tr>
<td>KIN 402</td>
<td>2 BY 123</td>
<td>4</td>
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| 16 | 15 | 0 |

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<tr>
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<tbody>
<tr>
<td>First Term</td>
<td>Hour</td>
<td>Second Term</td>
</tr>
<tr>
<td>KIN 485</td>
<td>3 KIN 499</td>
<td>3</td>
</tr>
<tr>
<td>BY 124</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PY 218</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHHS 342</td>
<td>3</td>
<td></td>
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<tr>
<td>KIN 405</td>
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</table>

| 16 | 15 | 0 |

**Total credit hours: 110**

### Kinesiology Fitness Leadership Concentration - Proposed Program of Study

#### Freshman

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<tr>
<th>First Term</th>
<th>Hour</th>
<th>Second Term</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDU 100</td>
<td>3 CH 105 &amp; CH 106</td>
<td>4 * CHHS 140 Waiver Course Summer *</td>
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<tr>
<td>EH 101 or 106</td>
<td>3 EH 102 or 107</td>
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<tr>
<td>Area III: Math</td>
<td>3 Area IV: Social Science Non-History</td>
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<td></td>
</tr>
<tr>
<td>BY 101 &amp; BY 102</td>
<td>4 KIN 136</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area IV: History</td>
<td>3 Area III: Humanities or Fine Art</td>
<td>3</td>
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</tr>
</tbody>
</table>

| 16 | 16 | 0 |

#### Sophomore

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hour</th>
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<tbody>
<tr>
<td>CMST 101</td>
<td>3 PY 101</td>
<td>3</td>
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<tr>
<td>Area II: Literature</td>
<td>3 BY 116</td>
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</tr>
<tr>
<td>KIN 101</td>
<td>1 Area IV: Social Science</td>
<td>3</td>
</tr>
<tr>
<td>KIN 115</td>
<td>1 CHHS 141</td>
<td>3</td>
</tr>
<tr>
<td>Area II: Fine Arts</td>
<td>3 KIN 131</td>
<td>3</td>
</tr>
<tr>
<td>BY 115</td>
<td>4 KIN 132</td>
<td>1</td>
</tr>
<tr>
<td>KIN 117</td>
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</tr>
</tbody>
</table>

| 16 | 15 | 0 |

**Total credit hours: 121**

### Community Health and Human Services Minors

The Community Health and Human Services program offers two minors. The Health Promotion and Education minor provides background information related to health issues and health programming. A grade of "C" or better is required in all courses in the minor. Students cannot apply courses toward both a major and a minor.

#### Health Promotion & Education Minor

The Health Promotion & Education Minor provides students with a background in developing implementation strategies to improve the
health of individuals, families, and communities. A grade of "C" or better is required in all courses. Students cannot apply courses toward both a major and a minor. This minor is open to all students except Community Health majors. Approximately 80% of this minor can be completed online.

**Minor in Human Services**

The Human Services Minor provides students with a foundation for serving diverse populations as a helping professional. A grade of "C" or better is required in all courses. Students cannot apply courses toward both a major and a minor. This minor is open to all students except Humans Services majors. This minor is offered completely online.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHHS 223 Introduction to Disease Prevention in Community Health and Human Services</td>
<td>3</td>
</tr>
<tr>
<td>CHHS 342 The Health Education/Promotion Specialist</td>
<td>3</td>
</tr>
<tr>
<td>CHHS 421 Health Communications &amp; Health Coaching</td>
<td>3</td>
</tr>
<tr>
<td>CHHS 489 Intervention Strategies for Community Health &amp; Human Services</td>
<td>3</td>
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<tr>
<td>Select two courses from the following:</td>
<td>6</td>
</tr>
<tr>
<td>CHHS 402 Mental Health, Stress Management &amp; Wellness Promotion</td>
<td></td>
</tr>
<tr>
<td>CHHS 404 Global Trends in Health Education/Promotion</td>
<td></td>
</tr>
<tr>
<td>CHHS 408 Substance Abuse Prevention and Education</td>
<td></td>
</tr>
<tr>
<td>CHHS 423 Human Sexuality</td>
<td></td>
</tr>
<tr>
<td>CHHS 426 Wellness Promotion Peer Educators Part 1</td>
<td></td>
</tr>
<tr>
<td>CHHS 427 SHAPE Peer Education</td>
<td></td>
</tr>
<tr>
<td>CHHS 428 Wellness Promotion Peer Education Part 2</td>
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</tr>
<tr>
<td>CHHS 498 Lifespan Dimensions in Women's Health and Nutrition</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 18

| Minor in Physical Education Athletic Coaching |

A grade of "C" or better is required in all courses in the minor. Students cannot apply courses toward both a major and minor.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>First Aid/CPR Certification Required</td>
<td>0-3</td>
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<tr>
<td>CHHS 140 First Aid</td>
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<tr>
<td>Biology</td>
<td></td>
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<tr>
<td>BY 115 Human Anatomy</td>
<td>4</td>
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<tr>
<td>Kinesiology</td>
<td></td>
</tr>
<tr>
<td>KIN 222 Concepts of Health and Fitness</td>
<td>3</td>
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<tr>
<td>KIN 115 Weight Training</td>
<td>1</td>
</tr>
<tr>
<td>KIN 117 Team Sports</td>
<td>1</td>
</tr>
<tr>
<td>KIN 118 Sports Using Implements</td>
<td>1</td>
</tr>
<tr>
<td>KIN 201 Officiating Techniques</td>
<td>1-2</td>
</tr>
<tr>
<td>KIN 307 Applied Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 402 Basic Athletic Training</td>
<td>2</td>
</tr>
</tbody>
</table>

**Kinesiology Elective**

Take any 100 Level KIN course 1

**Total Hours** 20-24

1 See Kinesiology program policy for 0 credit hour CHHS 140 waiver criteria: [http://www.uab.edu/education/home/images/pdf/hs/chhs-140-substitution-policy-for-kinesiology.pdf](http://www.uab.edu/education/home/images/pdf/hs/chhs-140-substitution-policy-for-kinesiology.pdf)

**Minor in Kinesiology Exercise Science**

A grade of "C" or better is required in all courses in the minor. Students cannot apply courses toward both major and minor course requirements. Students may need to take additional electives to reach the 20-hour requirement in order to receive the minor.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHHS 140 First Aid</td>
<td>3</td>
</tr>
<tr>
<td>CHHS 141 Personal Health &amp; Wellness or KIN 222 Concepts of Health and Fitness</td>
<td>3</td>
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<tr>
<td>BY 115 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BY 116 Introductory Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>KIN 400 Physiology of Exercise</td>
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**Electives (Choose 2-6 Hours)**

<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>2-6</td>
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</tbody>
</table>

| KIN 132 Group Exercise Leadership | 1 |
| KIN 305 Motor Development | |
| KIN 307 Applied Kinesiology | 1 |
| KIN 402 Basic Athletic Training | 1 |
| KIN 405 Sports Nutrition | |
| KIN 425 Biomechanics | 1 |
| KIN 440 Principles of Conditioning the Athlete | |
| KIN 450 Physical Activity for Individuals with Disabilities/SL | 1 |
| KIN 451 Physical Activity for Senior Adults | 1 |
| KIN 460 Clinical Exercise Physiology | 1 |
| KIN 470 Advanced Treatment Athletic Training | 2 |
| KIN 485 Exercise Testing/Prescription | 1 |

**Total Hours** 20-24

The BY 115, BY 116, and CHHS 140 requirements are waived for ONLY students majoring in Biomedical Sciences, who have completed BMD 310 (4 hrs.), BMD 315 (4 hrs.), and CDS 425 (1 hr.), respectively. As BMD 310, BMD 315, and CDS 425 cannot be used to satisfy both the Biomedical Sciences major and the Exercise Science minor, students must replace these 9 hours with courses from the Electives listed below. These replacement hours must include KIN 307.

1 Pre-reqs will be waived for electives as long as the student has completed the required courses.

2 Requires successful completion of KIN 402.

**CHHS-Comm Hlth Human Serv Courses**

CHHS 140. First Aid. 3 Hours.

This course provides students with knowledge and skills necessary to perform basic first aid and CPR procedures.
CHHS 141. Personal Health & Wellness. 3 Hours.
This course provides students with knowledge and skills that support a healthy lifestyle. Topics include dimensions of wellness, psychological health, spiritual health, stress, social health, nutrition, weight management, fitness, sexual behavior/issues, addictions related to alcohol, tobacco, and other drugs, preventable diseases and infectious illnesses, consumer health, injury and violence prevention, and environmental health.

CHHS 200. Quality of Life. 2 Hours.
Total health; effects of lifestyle on total health. Decision-making skills to enable health enhancing choices and engage in health enhancing activities to improve and maintain health status. For education majors only.

CHHS 223. Introduction to Disease Prevention in Community Health and Human Services. 3 Hours.
This course examines the determinants of health and well-being including disease etiology, prevalence, prevention, control and treatment techniques. The course will differentiate between local, state, federal, and international health organizations.
Prerequisites: CHHS 141 [Min Grade: C](Can be taken Concurrently) or HE 141 [Min Grade: C] and KIN 222 [Min Grade: C](Can be taken Concurrently) or PE 222 [Min Grade: C] or (HPE 200 [Min Grade: C] or CHHS 200 [Min Grade: C])

CHHS 230. Concepts of Disease, Health, & Behavior Change for Health Education/Promotion. 3 Hours.
This course supports the understanding of how and why manifestations of a disease occur; the burden of disease on the body and within society; and incorporating this knowledge into health education and promotion decision-making.
Prerequisites: BY 101 [Min Grade: C] and BY 102 [Min Grade: C] and CHHS 141 [Min Grade: C]

CHHS 231. Concepts of Disease Burden & Prevention through Health Education/Promotion. 3 Hours.
This course supports the understanding of how and why manifestations of infectious and chronic disease burden occur within society and addressing individual and social determinant of health factors through health education and promotion practices.
Prerequisites: BY 101 [Min Grade: C] and BY 102 [Min Grade: C] and CHHS 141 [Min Grade: C] and CHHS 230 [Min Grade: C]

CHHS 300. Ethics and Policy in Human Services. 3 Hours.
This course introduces students to the role of professional ethics and policy implication in the helping professions. Students will focus on the knowledge, skills and values essential for ethical decision-making in responsible practice. Case studies through integrated learning will be utilized for discussion, self-exploration, and skill building for problem solving of ethical issues and dilemmas.

CHHS 305. Social and Cultural Diversity in Human Services. 3 Hours.
This course promotes the knowledge and skills needed to explore issues of diversity in a productive, professional and ethical manner. Topics span the discipline of public health and integrate materials, concepts, and frameworks from numerous fields in public health, health promotion, environmental health and health policy.

CHHS 342. The Health Education/Promotion Specialist. 3 Hours.
This course conveys the foundations of the Health Education/Promotion profession and the necessary competencies of the Health Education Specialist. Topics include background and history of health education/promotion, philosophical foundations, introduction to theories and planning models, professional ethics, settings and organizations for health education/promotion, application of data, current literature, future trends, and discipline specific careers paths.
Prerequisites: (HE 141 [Min Grade: C] or CHHS 141 [Min Grade: C])(Can be taken Concurrently)

CHHS 343. Behavioral Theory in Health Education/Promotion. 3 Hours.
This designated service learning course goes into depth regarding theories for health behavior change with an introduction to basic planning models. Interactive assignments related to theories and community service learning activities are significant aspects of this course.
Prerequisites: CHHS 141 [Min Grade: C] and CHHS 342 [Min Grade: C] (Can be taken Concurrently)

CHHS 350. The Human Services Professional. 4 Hours.
This course introduces the evolving field of human services. Content will include learning about what “human services” is, the helping process, and the roles and duties of those calling themselves “human service” providers. Coverage will also include learning about a broad range of services, jobs, functions, and roles human service professionals provide. Basic principles, concepts, and theory in the helping field will be covered.

CHHS 402. Mental Health, Stress Management & Wellness Promotion. 3 Hours.
This course explains how an individual can manage their internal and external stressors to optimize their mental and emotional well-being. Topics span the discipline of health promotion and wellness, including theoretical models, discussions on the importance of relationships and social support, personality differences and risk of disease, how attitudes and emotions can change body chemistry, heart rates, hormone levels, and immunity against disease.

CHHS 404. Global Trends in Health Education/Promotion. 3 Hours.
This course will introduce students to past and current global health issues and health education/promotion priorities around the world. Health education and promotion practices in different countries within various region of the world will be explored.

CHHS 408. Substance Abuse Prevention and Education. 3 Hours.
Concept, manifestation, and causes of addiction. Major drug classifications and their effects. Potential of drug education as preventative mechanism.

CHHS 415. Case Management in Human Services. 3 Hours.
This course is an introductory course in studying the field of human services. Content will include learning about what “human services” is, the helping process, and the roles and duties of those calling themselves “human service” providers. Coverage will also include learning about a broad range of services, jobs, functions, and roles human service professionals provide in everyday life. Basic principles, concepts, and theory in the helping field will be covered.
Prerequisites: EPR 350 [Min Grade: C] or CHHS 350 [Min Grade: C]

CHHS 420. Microskills & Coaching in Community Health and Human Services. 3-4 Hours.
This course promotes skills appropriate for selected health problems, problem solving, and referrals. It also promotes skills to enhance communication with clients, peers, and community members at large.
CHHS 421. Health Communications & Health Coaching. 3 Hours.
Skills appropriate for selected health problems, problem solving, and referrals. Skills to enhance communication with clients, peers, and community members at large. Health-related theories, communication theories, and marketing strategies.
Prerequisites: CHHS 414 [Min Grade: C] or HE 141 [Min Grade: C] or HPE 200 [Min Grade: C] or HE 222 [Min Grade: C] or KIN 222 [Min Grade: C] and (CHHS 342 [Min Grade: C] or HE 342 [Min Grade: C])

CHHS 422. Human Sexuality. 3 Hours.
This course provides an overview of biological, sociological, psychological, and ethical aspects of human sexuality as encountered by health education specialists and human services practitioners. Content related to an anatomical overview, sexual decision making process, harm reduction approaches, social norms, societal issues, gender stereotypes, sexual complications, and the sexuality of special populations are emphasized.

CHHS 423. Human Sexuality. 3 Hours.
This course is designed to provide students with the knowledge and skills needed to effectively communicate accurate information related to sexual health and decision-making. The concept of total health and the effects of lifestyle and decision-making on the quality of life will be emphasized. Students will learn decision-making and other skills that will enable them to make healthy choices and engage in healthy activities to improve and maintain an ideal level of quality of life. By the end of this course the student will be able to facilitate workshops on Sexual Decision Making, HIV Awareness, and Healthy Relationships.

CHHS 426. Wellness Promotion Peer Educators Part 1. 3 Hours.
The intent of this course is to provide students with the skills to facilitate group presentations on health-related content to their peers. Students will complete the Certified Peer Education Training a comprehensive, interactive, and skills-based training. Students will learn about the programs and services offered at the UAB Student Health and Wellness Center and will be able to articulate this to new student users. Students will learn basic alcohol and other drug information in preparation for presentation to their peers.

CHHS 427. SHAPE Peer Education. 3 Hours.
This course is designed to provide students with the knowledge and skills needed to effectively communicate accurate information related to sexual health and decision-making. The concept of total health and the effects of lifestyle and decision-making on the quality of life will be emphasized. Students will learn decision-making and other skills that will enable them to make healthy choices and engage in healthy activities to improve and maintain an ideal level of quality of life. By the end of this course the student will be able to facilitate workshops on Sexual Decision Making, HIV Awareness, and Healthy Relationships.

CHHS 428. Wellness Promotion Peer Education Part 2. 3 Hours.
This course involves course involves students active engagement in the delivery of peer education programs and services to the UAB campus community. The purpose of the Wellness Promotion Peer Education Part 2 course is to provide candidates with a supervised, field-based, work experience in a wellness promotion setting.
Prerequisites: CHHS 426 [Min Grade: C]

CHHS 431. Planning and Implementing Health Education/Promotion Programs. 3 Hours.
This course emphasizes content and process planning and implementation of health education/promotion programs. Major topics include the foundations and models of the planning process; factors that impact health education/promotion; use and development of basic needs assessment; introduction to measurements; mission statements, goals, and objectives; community organizing/building; resources, and marketing.
Prerequisites: (CHHS 414 [Min Grade: C] or HE 141 [Min Grade: C] or HPE 200 [Min Grade: C] or KIN 222 [Min Grade: C] or HE 222 [Min Grade: C]) and (CHHS 342 [Min Grade: C] or HE 342 [Min Grade: C]) and (CHHS 343 [Min Grade: C] or HE 343 [Min Grade: C])

CHHS 432. Administration of Health Education/Promotion Programs. 3 Hours.
This course is focused on issues that surround the best practices for administration and management of health education/promotion programs in a variety of settings. Topics include leadership and professionalism, theories, needs assessment, qualitative and quantitative data, fiscal and human resources, delivery of health education/promotion, and communication and advocacy.
Prerequisites: (CHHS 414 [Min Grade: C] or HE 141 [Min Grade: C] or HPE 200 [Min Grade: C] or KIN 222 [Min Grade: C] or HE 222 [Min Grade: C]) and (CHHS 342 [Min Grade: C] or HE 342 [Min Grade: C]) and (CHHS 343 [Min Grade: C] or HE 343 [Min Grade: C])

CHHS 434. Evaluation and Grantsmanship in Health Education/ Promotion Programs. 3 Hours.
This course enhances knowledge, competencies and skills required to obtain funding and to evaluate health education/promotion programs for defined health issues and audiences. The course emphasizes elements of evaluating intervention activities at micro- and macro-levels including determining needs and assets, writing realistic goals and measurable objectives, incorporating quantitative and qualitative data, and evaluating behavior change. The course also focuses on grant preparation, including topics such as engaging funders, establishing grant need, planning grant activities, creating a budget, and program sustainability.
Prerequisites: (CHHS 342 [Min Grade: C] or HE 342 [Min Grade: C])

CHHS 455. Fundraising and Philanthropy in Human Services. 3 Hours.
This course introduces students to the area of fund raising, fund development, special events, annual fund, major gifts, capital campaigns, grant writing, and basic finance in the nonprofit sector. The course provides the foundation and tools necessary to implement fundraising plans.

CHHS 460. Management of Human Services Organizations. 3 Hours.
This course provides the opportunity for development of managerial theory and philosophy of the human services professional. Topics covered in the course include understanding organizations and systems perspectives, use of structure to facilitate the organizational mission, job analysis and job design, human resources planning, recruitment and hiring of human services professionals, and maximizing employee potential. Supervision, performance appraisals, use of data for organizational evaluation, and the role board members are other areas of emphasis.
CHHS 489. Intervention Strategies for Community Health & Human Services. 3 Hours.
The purpose of this course is to present the interrelationship of intervention planning to promote health behavior change and the selection and use of teaching aids, methods and materials to facilitate helping relationships. Special problems associated with health interventions are discussed. Students will learn ethical, theoretical and practical aspects of health education, teaching techniques, curricular development, organization skills and techniques.
Prerequisites: CHHS 223 [Min Grade: C]

CHHS 490. Special Projects in Health Education. 1-6 Hour.
Exploration of health-related topic via professional literature or research project.

CHHS 491. Problems in Health Education. 1-6 Hour.
Controversial topics in health education or topics identified as state or national priority.

CHHS 497. Human Services Internship. 3-9 Hours.
The purpose of the internship is to provide an opportunity for students to apply knowledge and skills they have learned during their course work in human services. The internship offers students the opportunity to gain hands-on experience in a real world setting and under the leadership of an experienced health education or human services professional. This is also the time whereby students are sharpening their skills as a soon-to-be job applicant. Attaining professional development, appropriate credentialing and developing a well-crafted resume and interviewing skills are part of that process.

CHHS 498. Lifespan Dimensions in Women’s Health and Nutrition. 3 Hours.
Highlights will include health issues specific to women, chronic diseases, body image and eating disorders, health promotion and disease prevention, pregnancy, childbirth and lactation, weight loss/maintenance, menopause and ageing, fitness management and stress management.

CHHS 499. Community Health Internship. 3-9 Hours.
Supervised work experience in a pre-approved community health agency/organization.
Prerequisites: CHHS 431 [Min Grade: C] or HE 431 [Min Grade: C]

ECG-Counseling, Human Services Courses

ECG 300. Career Mapping. 3 Hours.
Get what you want by identifying and building key skills being sought by employers and graduate school admission committees today. This course provides an interactive exploration into arriving at your destination and having fun along the way. Gain tips and insights from executives in your field into professional development, resume/interviewing, communication, team building, networking (live and virtual), and other key areas necessary to help you present yourself as the applicant of choice. Master these steps and begin to map your journey toward career success.

ECG 460. Sign Language I: Survival. 3 Hours.
Beginning course in manual communication. Finger spelling and language of signs to facilitate communication with individuals who have severe hearing impairments.

ECG 461. Sign Language II: Intermediate. 3 Hours.
Manual communication; signed English. Finger spelling and language of signs.
Prerequisites: ECG 460 [Min Grade: C]

ECG 462. Sign Language III: Advanced. 3 Hours.
American Sign Language. Syntax structure for more effective communication with adult deaf persons. Sign concept and concept transmission.
Prerequisites: ECG 461 [Min Grade: C]

ECG 463. Intro Interpreting for Deaf. 3 Hours.
Basic theories, principles, and practices of interpreting for deaf in general and specialized settings; guidelines appropriate in situational settings. Development of interpreting skills and manual communications skills.
Prerequisites: ECG 462 [Min Grade: C]

EDF-Foundations of Education Courses

EDF 361. Ethical Issues in Professional Practice. 3 Hours.
Examines professional ethics and legal issues related to teaching, student supervision, contractual obligation, conditions of employment, and other workplace issues related to conduct and practice in the field of public school teaching. Legal mandates and professional codes of ethics are analyzed. Also addressed are the development of professional judgment and of moral decision making abilities.

EDF 362. Foundations of Education I: Social, Historical, Philosophical. 3 Hours.
This course addresses the relationship among educators, schools, and society through seminars, field experiences in schools, and exposure to civic and community organizations. Historical and contemporary perspectives on political, economic, and social issues and problems in education, the role and value of diversity and equity in education, an introduction to professional ethics, and the importance of civic responsibility are significant components of this course.
Prerequisites: EDU 200 [Min Grade: C](Can be taken Concurrently)

EDF 363. Special Topics in Education Foundations. 3 Hours.
Educational Foundations Special Topics. This course addresses a range of special topics related to educational foundations. Course design and focus will vary and may include service learning and study away formats.

EPR-Educational Psychology Courses

EPR 214. Introduction to Educational Statistics. 3 Hours.
This introductory statistics course will cover basic descriptive and inferential statistics, including: Measures of central tendency; measures of variability; frequency distributions; normal curve of distribution; sampling; hypothesis testing, analysis of variance; correlation; regression; and introduction to chi-square.

EPR 363. Foundations of Education II: Psychological. 3 Hours.
Psychological principles basic to the understanding of the learner, learning process, and learning situation is covered, as well as all major principles of Human Development.
Prerequisites: EDU 200 [Min Grade: C](Can be taken Concurrently)

EPR 410. Measurement and Evaluation in Education. 3 Hours.
For early childhood/elementary education majors only. Basic concepts and principles of measurement and evaluation of personal and academic progress in classroom. Formative and summative assessment; Response to Instruction; and PLAN2020. Elementary descriptive statistics and measurement techniques used in student evaluation. Quantitative literacy is a significant component of this course.
EPR 411. Measurement and Evaluation in Education. 3 Hours.
For secondary education majors only. Principles of student assessment. Basic concepts and principles of measurement and evaluation of personal and academic progress in classroom; Formative and summative assessment; Response to Instruction; and PLAN2020. Elementary descriptive statistics and measurement techniques used in student evaluation. Quantitative Literacy is a significant component of this course. Admission to TEP required. 
Prerequisites: EHS 436 [Min Grade: C] or EHS 438 [Min Grade: C] or MU 432 [Min Grade: C] or MU 433 [Min Grade: C]

EPR 414. Lifespan Human Development. 3 Hours.
Physical, cognitive, social and moral development across the lifespan and including death and dying from a variety of theories are covered.
Prerequisites: PY 101 [Min Grade: C]

KIN - Kinesiology Courses

KIN 101. Beginning and Advanced Beginning Swimming. 1 Hour.
This course provides the student with basic aquatic safety skills as well as aquatic survival skills. The strokes include beginner, front crawl, elementary back stroke, breast stroke, back crawl and side stroke. Intermediate or advanced swimmers will be administratively withdrawn from the course.

KIN 102. Intermediate Swimming/ Swimmer Course. 1 Hour.
The intermediate swim course is part of the American Red Cross "Learn to Swim" Program, which is designed for learning and improving swim strokes. Gaining the knowledge and skills needed in basic water safety is the common theme in providing the information and resources to make participation in aquatics activities a lifetime pursuit. Students must be able to jump in the deep end, recover and tread or float for one minute, then swim 25 yards using crawl stroke or elementary backstroke.

KIN 103. Lifeguard Training. 1 Hour.
The American Red Cross Lifeguarding course focuses on training people who are already good swimmers. The course covers the skills and knowledge required for effective lifeguarding at swimming pools and at nonsurf, open-water beaches. Must be able to swim 300 yards continuously and surface dive 7 - 10 feet to retrieve a 10 lb. object.

KIN 104. Tennis. 1 Hour.
Course will provide students with the knowledge and skill needed to play the game of tennis.

KIN 105. Golf. 1 Hour.
This course includes beginning skills, rules and etiquette for recreational golf.

KIN 108. Weight Training and Aerobics. 1 Hour.
This course includes basic weight training and aerobic instruction and workouts.

KIN 110. Racquetball. 1 Hour.
Beginning skills, rules, and strategy.

KIN 111. Outdoor Pursuits Leadership. 1 Hour.
The course is designed to provide students with an overall view and appreciation for outdoor activities such as hiking, general kayaking/canoeing, and camping/backpacking.

KIN 112. Dance and Gymnastics. 1 Hour.
This course provides future teachers background in planning and conducting basic dance and gymnastic instruction. Intended for physical education majors.

KIN 114. Rec Games/Outdoor Leisure. 1 Hour.
This course will enable students to experience a wide variety of recreational games and outdoor leisure pursuits.

KIN 115. Weight Training. 1 Hour.
Instruction on basic resistance training principles and techniques for beginning and intermediate trainees.

KIN 117. Team Sports. 1 Hour.
This course will enable students to learn the basic skills of different team sports (such as team handball, football, volleyball, basketball, soccer, speedball, tchoukball, and rugby). Students will practice those skills to have the ability to gain skill proficiency in playing the sports as well as teaching others to play the sport.

KIN 118. Sports Using Implements. 1 Hour.
This course will enable students to learn the basic skills of different sports that require use of an implement (i.e., badminton, cricket, hockey, lacrosse, softball, and tennis). Students will practice those skills to have the ability to gain skill proficiency in playing the sport as well as teaching other to play the sport.

KIN 119. Football. 1 Hour.
Basic skills, rules and strategies.

KIN 121. Soccer. 1 Hour.
Basic skills, rules and strategies.

KIN 122. Basketball. 1 Hour.
Basic skills, rules and strategies.

KIN 124. Beginning Whitewater Kayaking. 1 Hour.
This course is designed to take interested student from zero knowledge to being able to competently maneuver a Kayak in flat water and demonstrate basic paddling safety skills.

KIN 125. Cheerleaders and Dance Team. 1 Hour.
Open to members of UAB cheerleading and dance teams only.

KIN 128. Rock Climbing. 1 Hour.
Introduction to the fundamentals of rock climbing. Lectures and drills designed to give students an introduction to the skills and knowledge to rock climb safely in a single pitch sport climbing environment.

KIN 130. Scuba Diving. 1 Hour.
This course includes physiology, physics, safety issues, and guidelines of recreational scuba diving through lectures, quizzes, and final exams. Students will learn and be able to demonstrate the proper assembly and use of scuba equipment as well as proper swimming and breathing techniques. Students must provide their own snorkel, fins, and mask. Must be able to tread water for 10 minutes and swim 200 yards.

KIN 131. Aerobics. 1 Hour.
Opportunity to improve cardiovascular fitness, flexibility, muscular strength and endurance and body composition in a group setting. Improves rhythm and coordination, body and space awareness, energy management appreciation of a healthy lifestyle and mental focus and concentration.

KIN 132. Group Exercise Leadership. 1 Hour.
Review and application of exercise science theory to group exercise. Repertoire of exercise for flexibility, strength, aerobic dance, and step training. Practice teaching each segment of a class at end of course will be able to teach a 60 minute group exercise class.
Prerequisites: [KIN 115] [Min Grade: C] and [KIN 131] [Min Grade: C]
KIN 134. The College Athlete: Concerns and Issues. 3 Hours.
Needs of and demands on college athletes. Time management, study
skills and habits, drug use and abuse, drug testing and NCAA rules, use
of trainer and training facilities, and nutritional practices. Holistic health
with emphasis on keeping athletic experience in perspective.

KIN 136. Intro to Physical Education Fitness and Sport. 3 Hours.
Introduction to the field of kinesiology; professional organizations, career
opportunities, historical development, and philosophical and scientific
foundations.

KIN 201. Officiating Techniques. 1-2 Hour.
Knowledge and practical experience in officiating various team and
individual sports. Includes officiating UAB intramurals.

KIN 222. Concepts of Health and Fitness. 3 Hours.
Fitness and related health concepts. Fitness assessment, variety of
fitness-related activities, and development of personal fitness program.
Nutrition and cardiovascular health.

KIN 300. Organization and Administration of Physical Education. 3
Hours.
This course is designed to provide the student with opportunities
to increase their knowledge of problems and issues involved in the
organization and administration of physical education programs in
elementary and secondary schools.

KIN 301. Teaching Health Education and Physical Education in
Elementary Schools. 3 Hours.
For classroom teachers. Communicating and working with physical
education specialists, selecting developmentally appropriate activities,
and integrating movement activities and concepts into classroom
subjects. Background information and skills to implement health
education in grades K-5.
Prerequisites: CHHS 141 [Min Grade: C] or HE 141 [Min Grade: C] or
CHHS 200 [Min Grade: C] or HPE 200 [Min Grade: C] or KIN 222 [Min
Grade: C] or HE 222 [Min Grade: C]

KIN 305. Motor Development. 3 Hours.
This course focuses on lifespan motor development and the processes
and mechanisms underlying the development of motor skills. Topics
include development of motor patterns, perceptual motor abilities,
physical growth and maturation, and cognitive and emotional
development. The course will engage students through lecture, skill
analysis labs, and project-based learning activities. Motor behavior
principles will be applied through direct and/or indirect work with young
children.

KIN 307. Applied Kinesiology. 3 Hours.
Knowledge of anatomical terminology and analysis of internal muscular
forces that act on bones resulting in motion at major movable joints.
Introduction to the application of biomechanics to comprehend the
external and internal forces that occur in human movement.
Prerequisites: BY 115 [Min Grade: C] and (MA 105 [Min Grade: C] or
MA 106 [Min Grade: C] or MA 107 [Min Grade: C] or MA 109 [Min Grade:
C] or MA 110 [Min Grade: C] or MA 125 [Min Grade: C] or MA 126 [Min
Grade: C] or MA 225 [Min Grade: C] or MA 226 [Min Grade: C])

KIN 308. Adapted Physical Education. 3 Hours.
This methods course provides knowledge and skills for assessing,
interpreting, programming, and instructing K-12 students with disabilities
in physical education. Topics include the law, inclusion, IEP writing,
differentiation, modifications, instructional delivery, and generalities of
specific disabilities. The course will engage students through lecture, peer
teaching, and problem-based learning activities. Best practices teaching
children with disabilities will be applied through clinical experiences in
select schools.
Prerequisites: ECY 300 [Min Grade: C]

KIN 311. Elementary School Physical Education. 3 Hours.
The course will include the nature and content of a developmentally
appropriate elementary physical education program.

KIN 320. Fitness/Motor Skill Acquisition. 3 Hours.
This course will enable candidates to acquire the knowledge and the
skills necessary to teach the critical elements needed to perform all basic
sport skills. Candidates will demonstrate skill proficiency in the sport skills
as well as the ability to teach others to perform the skills.

KIN 320L. Sports Skill Proficiency. 1 Hour.
This course will enable candidates to acquire the knowledge and the
skills necessary to teach the critical elements needed to perform all basic
sport skills. Candidates will demonstrate skill proficiency in the sport skills
as well as the ability to teach others to perform the skills.

KIN 323. Techniques Teaching Fitness and Nutrition in Schools. 3
Hours.
This course will enable candidates to learn techniques and strategies for
teaching fitness and nutrition in physical education programs. Admission
to TEP required.

KIN 340. Planning/Management of Fitness Facilities. 3 Hours.
Management, marketing, operational leadership, evaluation, and planning
principles of commercial, corporate, clinical, and community health/fitness
facilities.
Prerequisites: KIN 136 [Min Grade: C] and (HE 141 [Min Grade: C] or
CHHS 141 [Min Grade: C])

KIN 400. Physiology of Exercise. 4 Hours.
Knowledge of acute and chronic physiological responses to exercise.
Includes clinical laboratory experiences.
Prerequisites: BY 116 [Min Grade: C]

KIN 402. Basic Athletic Training. 2 Hours.
Knowledge and skills in organization and administration, mechanisms
of injury, recognition and evaluation of injuries, injury management,
general nutritional concerns, medical conditions and taping and bracing
techniques.
Prerequisites: BY 115 [Min Grade: C] (Can be taken Concurrently) and
KIN 136 [Min Grade: C] (Can be taken Concurrently) and KIN 307 [Min
Grade: C]

KIN 405. Sports Nutrition. 3 Hours.
Digestion, absorption and metabolism of nutrients and ergogenic aids
relative to sports performance.
Prerequisites: BY 116 [Min Grade: C]

KIN 407. Coaching Young Athletes. 3 Hours.
The course is designed to increase the students’ knowledge and
understanding of the principles of coaching regarding sport psychology,
sport pedagogy, sport physiology, and sport management. This course
will include a practicum for hands-on learning opportunities.
KIN 409. Assessment in Physical Education. 3 Hours.
This course emphasizes the development, implementation, and analysis of assessments within K-12 physical education programs, including assessment of the cognitive, physical, and psychomotor domains including program assessment.

KIN 425. Biomechanics. 3 Hours.
The study of anatomical, mechanical and neurophysiological factors influencing human motion. Emphasis is given to the qualitative and quantitative application of biomechanical principles to analyze human movement.

Prerequisites: BY 115 [Min Grade: C] and BY 116 [Min Grade: C] and KIN 307 [Min Grade: C] and (MA 105 [Min Grade: C] or MA 106 [Min Grade: C]) or MA 107 [Min Grade: C] or MA 125 [Min Grade: C] or MA 126 [Min Grade: C] or MA 225 [Min Grade: C] or MA 226 [Min Grade: C]

KIN 440. Principles of Conditioning the Athlete. 3 Hours.
Isometric, isotonic, eccentric, variable resistance, and isokinetic training; tapering of the athlete; designing endurance and resistance training programs; weight training techniques for specific sports.

Prerequisites: BY 115 [Min Grade: C] and KIN 400 [Min Grade: C]

KIN 450. Physical Activity for Individuals with Disabilities/SL. 3 Hours.
Knowledge and skills needed to meet the unique fitness and physical activity needs of individuals with various disabilities. Design and implementation of personal training/fitness programs and disability sports/recreation programs for individuals with disabilities based on assessments of health-related strengths and needs. This is a designated service-learning course integrating academic learning, civic learning, and meaningful service to the community.

Prerequisites: BY 116 [Min Grade: C] and (HE 141 [Min Grade: C] or CHHS 141 [Min Grade: C])

KIN 451. Physical Activity for Senior Adults. 3 Hours.
Knowledge and skills needed to lead physical activity and exercise in older adults.

Prerequisites: BY 116 [Min Grade: C] and (HE 141 [Min Grade: C] or CHHS 141 [Min Grade: C])

KIN 460. Clinical Exercise Physiology. 3 Hours.
In depth study of the use of exercise as a form of treatment and prevention of chronic disease.

Prerequisites: BY 116 [Min Grade: C] and (HE 141 [Min Grade: C] or CHHS 141 [Min Grade: C]) and (KIN 400 [Min Grade: C])

KIN 470. Advanced Treatment Athletic Training. 3 Hours.
Seminar in treatment and prevention of athletic injuries.

Prerequisites: KIN 402 [Min Grade: C]

KIN 485. Exercise Testing/Prescription. 3 Hours.
Knowledge and skills needed to perform pre-exercise health risk and physical fitness assessments, interpret results and develop exercise prescriptions for apparently healthy individuals and individuals with medically controlled diseases (based on 'American College of Sports Medicine' guidelines). This course also includes a high level review of exercise physiology and application of behavioral and motivational strategies to support clients in adopting and maintaining healthy lifestyle behaviors.

Prerequisites: BY 115 [Min Grade: C] and BY 116 [Min Grade: C] and (HE 140 [Min Grade: C] or CHHS 140 [Min Grade: C]) and KIN 307 [Min Grade: C] and KIN 400 [Min Grade: C](Can be taken Concurrently)

KIN 489. Instructional Strategy for Physical Education K-12. 6 Hours.
This course will focus on information to help potential physical educators attain teaching skills and knowledge necessary to design, implement and evaluate developmentally appropriate K-12 physical education programs. Students will gain hands-on teaching experience with students in school settings.

KIN 492. Special Projects in Kinesiology. 1-6 Hour.
Designed as an independent study for students who wish to conduct an in-depth investigation into a Kinesiology related topic.

KIN 493. Problems in Kinesiology. 3-6 Hours.
Provides students with current information regarding a selected physical education related issue. Classes taught under this course title are outside the current physical education program requirements.

KIN 495. Elementary/Secondary Physical Education Student Teaching. 9 Hours.
Student teaching provides an opportunity for physical education teacher education candidates to synthesize and apply all knowledge and skills acquired during previous coursework. Interns teach for 15 weeks at two levels, elementary and either middle or high school. The candidates must pass edTPA assessments to receive teacher certification.

KIN 496. Physical Education Internship Seminar. 1-9 Hour.
Supports and extends efforts of student teaching. Problem solving related to situations such as classroom management, grading, professionalism and ethics, legal issues, teacher rights, and others that occur during internship.

KIN 499. Kinesiology Internship. 3-6 Hours.
Takes place in a setting that is related to the degree and major area of emphasis and serves as the culminating experience of the formal education process. Students complete their internship hours with guidance from their agency supervisor.

Prerequisites: KIN 485 [Min Grade: C] and KIN 136 [Min Grade: C] and KIN 400 [Min Grade: C] and KIN 307 [Min Grade: C]