

**Bachelor of Science in Kinesiology**

 **Pre-Health Professions Concentration**

**Physical therapy (PT)/Occupational Therapy (OT)/athletic training (AT)**

**Physician’s assistant (PA)/Respiratory Therapist (RT)**

# **LOWER DIVISION CORE** Units Year Grade

 KINS 165 Foundations of Kinesiology 3

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 BIO 104 General Biology (GE Area B) 3 \_\_\_\_\_\_ \_\_\_\_\_\_

Or BIO 105 Principles of Biology (GE Area B) - Recommended for PT 4 \_\_\_\_\_\_ \_\_\_\_\_\_

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 \*ZOO 113 Human Physiology 4 \_\_\_\_\_\_ \_\_\_\_\_\_

 \*ZOO 270 Human Anatomy 4 \_\_\_\_\_\_ \_\_\_\_\_\_

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 \*CHEM 109 General Chemistry (GE Area B)- Recommended for PT 5

Or KINS 287 Scientific Foundations 3

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 HED 120 Respond to Emergencies CPRFPR 1

 HED 231 Basic Nutrition 3

### UPPER DIVISION CORE

 \*KINS 379 Exercise Physiology 4

 KINS 385 Adapted Physical Activity 3

 \*KINS 386 Structural Kinesiology 4

 HED 392 Community and Population Health 3

 KINS 483 Evaluation Techniques 3

 KINS 484 Motor Development/Learning 3

 \*KINS 492 Senior Seminar 3

 (Core 44-47 units)

**\*Prerequisites required for these courses.**

**Pre-Health Professions Concentration REQUIREMENTS (Must add to 24 units):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  STAT 108 Elementary Statistics |  3 |   |  |   |
|  PHYX 106 Physics 1 |  4 |  \_\_\_ |  |   |
|  PHYX 107 Physics 2 |  4 |  \_\_\_ |  |   |
|  KINS 250 Medical Terminology |  1 |  \_\_\_ |  |   |
|  PSYC 438 Abnormal Psychology |  3 |  \_\_\_ |  |   |

 ------------------------------------------------------------------------------- (15 units)

 **CHOOSE THREE Courses^^ in consultation with advisor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  **Course** | **PT/OT/PA/RT** | **Units** |  **Year**  |  **Grade** |
|  KINS 490  | Practica | PT/OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  \*CHEM 110  | General Chemistry 2 | PT/ PA/RT | 5 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  HED 344 | Weight Control | PT/OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  PSYC 311 | Developmental Psychology | PT/OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  CD 350 | Life-Span Development | PT/OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  ART XXX  | 3-Dimensional Art (e.g. ceramics) | OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  SOC 480 | Aging: Inequality & Public Policy | OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  ANTH 103 | Biological Anthropology | OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  \*CHEM 324 | Organic Chemistry | PT/OT | 5 |  \_\_\_\_\_\_  |  \_\_\_\_\_\_\_ |
|  \*BIOL 412 | General Microbiology | PT/OT/PA/RT | 4 |  \_\_\_\_\_\_  |  \_\_\_\_\_\_\_ |
|  \*BIOL 340 | Genetics | PT/OT | 4 |  \_\_\_\_\_\_  |  \_\_\_\_\_\_\_ |
|  NAS 306; ES 105; ES  106; ES 107; WS 309B | Ethnicity or Gender Studies | OT  |  |   \_\_\_\_\_\_ |   \_\_\_\_\_\_\_ |
|  KINS 474 | Sport Psychology (GE- DCG) | PT/OT | 3 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  \*KINS 456A | Fitness Assess and Prescription A | PT/OT | 4 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |
|  \*KINS 460 | HPL Techniques | PT/OT | 1 |  \_\_\_\_\_\_ |  \_\_\_\_\_\_\_ |

 (9-11 units)

**\*Prerequisites required for these courses. ^^Other possible course available**

**Key Prerequisite Sequence**

BIO 104/ BIO105

(General Bio)

**Freshmen Year**

ZOOL 270 (Human Anatomy)

KINS 287/CHEM 109 (Sci. Found/Gen. Chem)

ZOOL 113 (Human Phys)

**Sophomore Year**

KINS 379 (Exer Phys)

**Junior Year**

KINS 386 (Struct Kines)

KINS 492 (Senior Seminar)

 **Senior Year**

**PREREQUISITES:**

|  |  |
| --- | --- |
| **Courses** | **Required Pre-Requisite** |
| **ZOOL 113**  | BIOL 104  |
| **CHEM 109** | Math placement category I or II or category III and MATH 101i (C) |
| **CHEM 110** | CHEM 109 with a grade of C- or higher |
| **CHEM 324** | CHEM 110 with a grade of C- or higher; Coreq: CHEM 324Lof C- or higher. Coreq: CHEM 324L. |
| **BIOL 105** | CHEM 107 or CHEM 109 with a grade of C- or higher |
| **BIOL 340** | BIOL 105 and (STAT 108); All with a grade of C- or higher; Coreq: BIOL 340Lor STAT 108i or STAT 109 or CHEM 341); all withgrades of C- or higher, and BIOL 340L (C)C- or higher.] |
| **BIOL 412** | BIOL 340 with a grade of C- or higherC- or higher.] |
| **KINS 379** | ZOOL 113, CHEM 109 or KINS 287 |
| **KINS 456A** | HED 120, KINS 379 |
| **KINS 460** | HED 120, KINS 456A, KINS 456B |
| **KINS 483** | Junior Standing or Instructor Approval |
| **KINS 492** | Senior Standing |

**IMPORTANT NOTES:**

* Earning a C- or better is required for BIO 105 and all required courses for the major that have a ZOOL, KINS, REC, or HED prefix (or their equivalent)

\*Note: Students should consult with their academic advisor each semester for recent modification to the above.