### GENERAL REQUIREMENTS (59-63 HOURS)

#### Communications (8-9 Hours)
- ENGL 100 (3) Expository Writing I
- ENGL 200 (3) Expository Writing II
- COMM 105 (2) Public Speaking IA
- OR
  - COMM 106 (3) Public Speaking I

#### Humanity (6 Hours)
(Only courses of 3 credits or more will apply.)
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#### Social Science (6 Hours)
- ECON 110 (3) Principles of Macroeconomics
- PSYCH 110 (3) General Psychology
- OR
  - SOCIO 211 (3) Intro to Sociology

#### Integrative Human Ecology Course (1 Hour)
- GNHE 210 (1) Foundations of Human Ecology

### Natural and Physical Sciences (29-30 Hours)

#### Biological Sciences (15-16 Hours)
- BIOL 198 (4) Principles of Biology
- BIOL 340 (8) Structure/Function Human Body
- OR
  - KIN 360 (8) Anatomy and Physiology
  - BIOL 455 (4) General Microbiology
  - OR
  - FNDH 340 (3) Food and Health

### Physical Sciences (14 Hours)
- CHM 210 (4) Chemistry I
- CHM 230 (4) Chemistry II
- CHM 350 (3) General Organic Chemistry
- BIOCH 521 (3) General Biochemistry

### Quantitative & Abstract Formal Reasoning (9-11 Hours)
- MATH 100 (3) College Algebra
- OR
  - MATH 150 (3) Plane Trigonometry
  - OR
  - MATH 220 (4) Analytic Geometry & Calculus I
- STAT 325 (3) Introduction to Statistics
- OR
  - STAT 340 (3) Biometrics I

(Choose either all of the one-hour courses or CIS 111)
- CIS 101 (1) Intro Computing Systems
- CIS 102 (1) Intro Spreadsheet Application
- CIS 103 (1) Intro Database Application
- CIS 104 (1) Intro Word Processing Appl.
- OR
  - CIS 111 (3) Intro Computer Programming

### 124-128 Hours Required for Graduation

#### PROFESSIONAL STUDIES (64 Hours)

#### Nutrition Sciences (29 Hours)
- FNDH 132 (3) Basic Nutrition
- FNDH 400 (3) Human Nutrition
- FNDH 413 (4) Science of Food
- FNDH 450 (2) Nutritional Assessment
- FNDH 510 (2) Life Span Nutrition
- FNDH 575 (3) Research in Health Sciences
- FNDH 600 (3) Public Health Nutrition
- FNDH 620 (3) Nutrient Metabolism
- FNDH 631 (3) Clinical Nutrition I
- FNDH 632 (3) Clinical Nutrition II

#### Nutrition or Kinesiology (3 Hours)
- FNDH 635 (3) Nutrition and Exercise
- OR
  - KIN 635 (3) Nutrition and Exercise

#### Kinesiology (33 Hours)

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

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

#### Lower Level Core Courses (18 Hour)
- KIN 220 (4) Biobehavioral Bases of Physical Activ.
- KIN 310 (4) Measure & Resrch Techn. Kinesiology
- KIN 335 (4) Physiology of Exercise
- KIN 336 (1) Physiology of Exercise Lab
- KIN 345 (5) Exercise Behavioral Science

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*Maximum of 62 transfer credits from two-year colleges.
> **Kinesiology Upper Level Core (15 Hours)**
(Select one 3-hour course from each of the following)

> **Exercise Physiology (3 Hours)**
(Select one 3-hour course from each of the following)

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

> **Exercise Behavioral Science (3 Hours)**
(Select one 3-hour course from the following)

- KIN 600 (3) Interpersonal Aspects of Physical Act.
- KIN 602 (3) Social Structural Determinants Phys Act.
- KIN 612 (3) Policy, Built Environ & Phys Activity
- KIN 614 (3) Physical Activity Behavior Setting: Youth Sport to Senior Centers
- KIN 655 (3) Individual Physical Activity Promotion

> **Kinesiology Elective Courses 300-Level or higher (9 Hours)**
(Select 9 credit hours of additional upper level KIN courses.)

- KIN ___ (3) _____________________________
- KIN ___ (3) _____________________________
- KIN ___ (3) _____________________________

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**Completion of the Academy of Nutrition and Dietetics Academic Requirements is not required for degree completion in Nutrition and Kinesiology.**

To become a registered dietitian (RD) requires enrollment in the ACEND-accredited dietetics education program at K-State that requires admission to either the Coordinated Program in Dietetics or the Didactic Program in Dietetics.

Contact the Department of Food, Nutrition, Dietetics and Health (212 Justin Hall) for admission requirements and deadlines.

Students apply for admission to the **DIDACTIC PROGRAM** upon completion of specific course work. Contact department.

Application for the **COORDINATED PROGRAM** is completed three semesters prior to the anticipated graduation date.

Grades of B or higher are required in all science, accounting, FNDH and HMD courses.

Courses required in addition to B.S. in Human Nutrition requirements:

- ACCTG 231 (3) Accounting for Business Operations
- FNDH 130 (1) Careers in Nutrition and Dietetics
- FNDH 341 (3) Principles of Food Production Mangt.
- FNDH 342 (4) Food Production Management
- FNDH 426 (3) Financial Management in Dietetics
- FNDH 515 (3) Counseling Strategies in Dietetics
- FNDH 560 (3) Management in Dietetics *
- FNDH 570 (1) Research in Dietetics Practice*

If admitted to the Kansas State University Coordinated Program these additional courses are required: FNDH 510, 516, 517, 520, 521, 561, and 562.

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Fall 2017