# Exercise and Nutrition Sciences Doctorate

Department Information

- **Department Web Site:**
  www.ndsu.edu/hnes/phd_in_exercise_science_and_nutrition/ (http://www.ndsu.edu/hnes/phd_in_exercise_science_and_nutrition/)
- **Application Deadline:**
  Applications that are complete by March 15 will be given priority for fall semester. Applications completed after March 15 will be reviewed through May 1 for consideration for fall semester.
- **Credential Offered:**
  Ph.D.
- **English Proficiency Requirements:**
  TOEFL ibt 79; IELTS 6.5
- **Program Overview:**
  https://www.ndsu.edu/programs/graduate/exercise-nutrition-sciences

## Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

## Students Entering with a Master's Degree

| Code | Title | Credits |
|---|---|---|
| **Research Core** | | **12** |
| STAT 725 | Applied Statistics | |
| 9 additional credits in statistics and research methodology | | |
| **Recommended HNES Core** | | **9** |
| HNES 713 | Graduate Exercise Physiology | |
| HNES 726 | Nutrition in Wellness | |
| HNES 777 | Scholarly Writing and Presenting in HNES | |
| **Electives (up to 6 credits outside of HNES)** | | **18** |
| HNES 727 | Physical Activity Epidemiology | |
| HNES 703 | Graduate Biomechanics of Sport and Exercise | |
| HNES 704 | Psychological Foundation of Sport & Physical Activity | |
| HNES 710 | Introduction to Research Design and Methods in HNES | |
| HNES 735 | Nutrition and Human Performance | |
| HNES 743 | Obesity Across the Lifespan | |
| HNES 754 | Assessment in Nutrition and Exercise Science | |
| HNES 760 | Skeletal Muscle Physiology | |
| HNES 761 | Physiological and Fitness Assessment in Exercise Science | |
| HNES 762 | Exercise Endocrinology | |
| HNES 764 | Advanced Cardiovascular Exercise Physiology | |
| HNES 790 | Graduate Seminar | |
| HNES 791 | Temporary/Trial Topics | |
| **Research Practicum (minimum of 3 credits)** | | **3-6** |
| HNES 894 | Practicum/Internship | |
| **Teaching Experience (minimum of 3 credits)** | | **3-6** |
| HNES 892 | Graduate Teaching Experience | |
| **Dissertation (must encompass at least two seperate semesters)** | | **15** |
| HNES 899 | Doctoral Dissertation | |
| **Total Credits (minimum)** | | **60** |

## Students Entering with a Bachelor's Degree

| Code | Title | Credits |
|---|---|---|
| **Research Core** | | **21** |
| STAT 725 | Applied Statistics | |
| HNES 710 | Introduction to Research Design and Methods in HNES | |
| 12 additional credits in statistics and research methodology | | |
| **Recommended HNES Core** | | **9** |
| HNES 713 | Graduate Exercise Physiology | |
| HNES 726 | Nutrition in Wellness | |
| HNES 777 | Scholarly Writing and Presenting in HNES | |
| **Electives (up to 6 credits outside of HNES)** | | **33** |
| HNES 727 | Physical Activity Epidemiology | |
| HNES 735 | Nutrition and Human Performance | |
| HNES 703 | Graduate Biomechanics of Sport and Exercise | |
| HNES 704 | Psychological Foundation of Sport & Physical Activity | |
| HNES 743 | Obesity Across the Lifespan | |
| HNES 754 | Assessment in Nutrition and Exercise Science | |
| HNES 760 | Skeletal Muscle Physiology | |
| HNES 761 | Physiological and Fitness Assessment in Exercise Science | |
| HNES 762 | Exercise Endocrinology | |
| HNES 764 | Advanced Cardiovascular Exercise Physiology | |
| HNES 790 | Graduate Seminar | |
| HNES 791 | Temporary/Trial Topics | |
| **Research Practicum (9-12 credits)** | | **9-12** |
| HNES 894 | Practicum/Internship | |
| **Teaching Experience (3-6 credits)** | | **3-6** |
| HNES 892 | Graduate Teaching Experience | |
| **Dissertation (must encompass at least two semesters)** | | **15** |
| HNES 899 | Doctoral Dissertation | |
| **Total Credits (minimum)** | | **90** |

# Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (http://catalog.ndsu.edu/graduate/admission-information/) page.
- In addition, this program requires a**pplicants with a master's degree:**
  - Have a completed master's degree from an accredited university in a field closely related to Nutrition, Health, Dietetics, Kinesiology, or Exercise Science.
  - Cumulative graduate GPA of 3.00 or higher.
  - GRE exam scores in the upper 50th percentile for the Verbal, Quantitative, and Writing portions are given priority admission.
  - At least one graduate course in statistics and one course in research methods, with grades of B or higher in each.
  - A completed thesis or research paper.
  - Agreement to be advised by current HNES graduate faculty member.
- In addition, this program requires a**pplicants without an earned master's degree:**
  - Have a completed bachelor's degree from an accredited university in a field closely related to Nutrition, Health, Dietetics, Kinesiology, or Exercise Science.
  - Cumulative undergraduate GPA of 3.0 or higher.
  - GRE exam scores in the upper 50th percentile for the Verbal, Quantitative, and Writing portions are given priority admission.
  - At least one statistics course or research methods course with grades of B or higher.
  - Agreement to be advised by current HNES graduate faculty member.