

HEALTH AND HUMAN PERFORMANCE

Program Information

The Ph.D. in Health and Human Performance is a single college-wide Ph.D. program with 6 concentrations that are housed and administered by the three departments, according to the following organizational structure:

- **Applied Physiology and Kinesiology (APK):** Ph.D. students in APK study the immediate and lasting effects of exercise and its use in disease prevention and rehabilitation. APK Ph.D. concentrations include Exercise Physiology and Biobehavioral Science, with further specializations in biomechanics, motor control and learning, exercise and performance psychology, and sports medicine / athletic training.
- **Health Education & Behavior (HEB):** Ph.D. students in HEB systematically investigate health promotion strategies aimed at modifying behaviors which will improve individual, family, workplace, and community health and well-being. The HEB Ph.D. concentration is in Health Behavior.
- **Tourism, Recreation, and Sport Management (TRSM):** TRSM Ph.D. students study the impact of tourism, recreation activities, professional and amateur sports, ecotourism, parks and beaches on the personal, social, economic, environmental and resource infrastructures of society. Ph.D. concentrations in TRSM include Natural Resource Recreation, Sport Management, and Tourism.

Students are expected to be involved in research throughout their Ph.D. program, which requires approximately three to five years of full-time study for completion. Graduates of the program are trained to assume positions as post-doctoral research scientists, or entry level professorships at colleges and universities throughout the country. The program of study is developed by the student and the supervisory committee based on the student's background, interests, and career goals, as well as faculty expertise. By design, the program is multidisciplinary and flexible, permitting students to tailor their scholarly experience to the development of research skills in their areas of concentration.

For more information, please see our website: <http://gradprograms.hhp.ufl.edu/index.php/doctoral-program> (<http://gradprograms.hhp.ufl.edu/index.php/doctoral-program/>).

Degrees Offered

Degrees Offered with a Major in Health and Human Performance

- Doctor of Philosophy
 - without a concentration
 - concentration in Applied Physiology and Kinesiology
 - *optional second concentration in Clinical and Translational Science*
 - concentration in Biobehavioral Science
 - concentration in Clinical and Translational Science
 - concentration in Exercise Physiology
 - concentration in Health Behavior
 - *optional second concentration in Clinical and Translational Science*
 - concentration in Historic Preservation

- concentration in Recreation, Parks, and Tourism
- concentration in Sport Management

Requirements for these degrees are given in the Graduate Degrees (<http://catalog.ufl.edu/graduate/degrees/>) section of this catalog.

Courses

Applied Physiology and Kinesiology Departmental Courses

Code	Title	Credits
APK 5102	Kinetic Anatomy	3
APK 5127	Assessment in Exercise Science	3
APK 5404	Sport Psychology	3
APK 6116C	Physiological Bases of Exercise and Sport Sciences	3
APK 6118	Neuromuscular Adaptation to Exercise	3
APK 6126	Cardiopulmonary Pathologies	3
APK 6128	EKG Interpretation	3
APK 6145	Movement Disorders	3
APK 6167	Nutrition Aspects of Human Performance	3
APK 6170	Advanced Exercise Physiology	3
APK 6176	Strength and Conditioning	3
APK 6205C	Nature and Bases of Motor Performance	3
APK 6206	Planning Motor Actions	3
APK 6225	Biomechanical Instrumentation	3
APK 6226C	Biomechanics of Human Motion	3
APK 6406	Exercise Psychology	3
APK 6408	Performance Enhancement	3
APK 6900	Directed Independent Study	1-5
APK 6940	Advanced Practicum in Exercise and Sport Science	1-5
APK 7107	Cardiovascular Exercise Physiology	3
APK 7108	Environmental Stress Exercise Physiology	3
APK 7117	Exercise Metabolism	3
ATR 6124	Clinical Anatomy for the Exercise Sciences	3
ATR 6145	Human Pathophysiology for the Exercise Sciences	3
ATR 6215	Evidence-Based Orthopedic Exam I: Upper-Extremity	3
ATR 6216	Evidence-Based Orthopedic Exam II: Lower-Extremity	3
ATR 6304	Rehabilitation and Modalities of Athletic Injuries	3
ATR 6624	Athletic Training Research and Technology I	3
ATR 6625	Athletic Training Research and Technology II	3
ATR 6934	Seminar in Athletic Training	3
HLP 6515	Evaluation Procedures in Health and Human Performance	3
HLP 6535	Research Methods in Health and Human Performance	3
HLP 6911	Research Seminar	1
HLP 6935	Variable International Topics	1-6
HLP 7939	HHP PhD Professional Development Seminar	3
HLP 7979	Advanced Research in Health and Human Performance	1-12
HLP 7980	Research for Doctoral Dissertation	1-15
PET 5936	Special Topics/Seminars	1-3
PET 6910	Supervised Research	1-5
PET 6947	Graduate Internship in Exercise and Sport Sciences	3-9

PET 6971	Research for Master's Thesis	1-15
SPM 5206	Sport Ethics	3
SPM 5309	Sport Marketing	3
SPM 5506	Sport Finance	3
SPM 6036	Research Seminar in Sport Management	3
SPM 6106	Management and Planning of Sport and Physical Activity Facilities	3
SPM 6158	Management and Leadership in Sport	3
SPM 6726	Issues in Sport Law	3

Health Education and Behavior Departmental Courses

Code	Title	Credits
APK 6900	Directed Independent Study	1-5
APK 6940	Advanced Practicum in Exercise and Sport Science	1-5
HLP 6515	Evaluation Procedures in Health and Human Performance	3
HLP 6535	Research Methods in Health and Human Performance	3
HLP 6911	Research Seminar	1
HLP 6935	Variable International Topics	1-6
HLP 7939	HHP PhD Professional Development Seminar	3
HLP 7979	Advanced Research in Health and Human Performance	1-12
HLP 7980	Research for Doctoral Dissertation	1-15
HSC 5135	Emotional Health Education	3
HSC 5138	Human Sexuality	3
HSC 5142	Drug Education	3
HSC 5315C	Teaching Health in Elementary Schools	3
HSC 5536C	Medical Terminology for the Health Professions	3
HSC 5576	Nutrition Education for Special Populations	3
HSC 5606	Spirituality and Health	3
HSC 5618	Advanced Exercise Therapy, Adapted Physical Activity, & Health	3
HSC 5626	Minority Health Issues	3
HSC 5657	Health and End-of-Life Issues	3
HSC 5925	Seminar in Health Education	1-3
HSC 5956	Writing for Professional Publications	3
HSC 6037	Philosophy and Principles of Health Education	3
HSC 6235	Patient Health Education	3
HSC 6318	Planning Health Education Programs	3
HSC 6506	Epidemiology	3
HSC 6567	Health Promotion and Programming in Gerontology	3
HSC 6571	Contemporary Issues in Health Promotion	3
HSC 6575	Women's Health Issues	3
HSC 6595	HIV/AIDS Education	3
HSC 6603	Theories of Health Behavior and Practice in Health Education	3
HSC 6605	Scientific Foundations of Holistic Health	3
HSC 6625	Trends in International Health	3
HSC 6629	Health Promotion for Priority Populations	3
HSC 6637	Social Marketing and Health	3
HSC 6646	Community Health Methods in Injury Prevention & Control	3
HSC 6665	Health Communication	3
HSC 6695	Worksite Health Promotion	3
HSC 6712	Evaluating Health Education Programs	3

HSC 6735	Research Methods in Health Education	3
HSC 6850	Internship in Health Education	1-12
HSC 6904	Readings in Health Education	1-3
HSC 6905	Independent Study	1-3
HSC 6910	Supervised Research	1-5
HSC 6935	Current Topics in Health Education	1-3
HSC 6940	Supervised Teaching	1-5
HSC 6971	Research for Master's Thesis	1-15
HSC 6973	Project in Lieu of Thesis	1-9
HSC 7904	Advanced Readings in Health Education	1-3
HSC 7905	Advanced Independent Study in Health Education	1-3
HSC 7937	Advanced Seminar in Health Education	1-3
PET 5936	Special Topics/Seminars	1-3
PET 6910	Supervised Research	1-5
PET 6947	Graduate Internship in Exercise and Sport Sciences	3-9
PET 6971	Research for Master's Thesis	1-15

Tourism, Recreation, and Sport Management Departmental Courses

Student Learning Outcomes

Health and human performance

SLO 1 Knowledge

Discuss, explain, and defend subject matter relevant to the discipline – exercise physiology, biobehavioral science, health behavior, recreation, parks and tourism, or sport management.

SLO 2 Knowledge

Discuss, explain, and defend traditional and current research methods in their discipline - exercise physiology, biobehavioral science, health behavior, recreation, parks and tourism, or sport management.

SLO 3 Skills

Discuss, explain, and defend the use of appropriate research methods as determined by the discipline and faculty committee.

SLO 4 Skills

Articulate and defend, orally and in writing, the results of their research and scholarship.

SLO 5 Professional Behavior

Ethically conduct research that is suitable for the discipline.