

HEALTH AND HUMAN PERFORMANCE

Program Information

The Ph.D. in Health and Human Performance is a single college-wide Ph.D. program with 5 concentrations that are housed and administered by the four 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 as well as fundamental mechanisms within muscle biology, cardiovascular function, motor neuroscience, biomechanics, environmental physiology, sports medicine, and emotion regulation. APK Ph.D. concentrations include Exercise Physiology and Biobehavioral Science, with further specializations in biomechanics, motor control and learning, performance psychology, and sports medicine / athletic training.
- **Health Education & Behavior (HEB):** Ph.D. students in HEB 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.
- **Sport Management (SPM):** SPM Ph.D. students study the business of sport and the impact of sports on individuals and the industry. SPM improves the understanding of factors that help the sport industry thrive. Sport Management students and faculty explore organizational and marketing theories, sociological concepts and sport consumption behaviors among sport organizations and sport consumers to improve the quality of the sport industry practices and the experiences of sport consumers and participants. The Ph.D. concentration in SPM is Sport Management.
- **Tourism, Hospitality, and Event Management (THEM):** THEM 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. concentration in THEM is Recreation, Parks, 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://hhp.ufl.edu/about/academics/phd/>.

Degrees Offered

Degrees Offered with a Major in Health and Human Performance

- Doctor of Philosophy
 - without a concentration
 - concentration in Clinical and Translational Science

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

Courses

Applied Physiology and Kinesiology Departmental Courses

Code	Title	Credits
APK 5102	Kinetic Anatomy	3
APK 5121	Anatomy and Physiology for Sport and Exercise Science	3
APK 5127	Assessment in Exercise Science	3
APK 5133	Human Pathophysiology for the Exercise Sciences	3
APK 5150C	Clinical Anatomy for the Exercise Sciences	3
APK 5166	Sports Supplements	3
APK 5171	Clinical Exercise Prescription	3
APK 5177	Strength and Conditioning for Beginning Practitioners	3
APK 5404	Sport Psychology	3
APK 5620	Genetics of Human Performance	3
APK 5702	Applied Sport Science	3
APK 6116C	Physiological Bases of Exercise and Sport Sciences	3
APK 6118	Neuromuscular Adaptation to Exercise	3
APK 6124	Extreme Environment Physiology	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 for Advanced Practitioners	3
APK 6195	Cell Physiology & Biophysics	0
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 6320C	Corrective Exercise	3
APK 6406	Exercise Psychology	3
APK 6408	Performance Enhancement	3
APK 6417	Attention & Emotion in Tactical Athlete Populations	3
APK 6611	Tactical Strength & Conditioning	3
APK 6704	MATLAB for Biomedical Sciences	3
APK 6715	Grant Writing in Health & Human Performance	3
APK 6900	Directed Independent Study	1-5
APK 6940	Advanced Practicum in Exercise and Sport Science	3-6
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 6215	Evidence-Based Orthopedic Exam I: Upper-Extremity	3	HSC 6595	HIV/AIDS Education	3
ATR 6216	Evidence-Based Orthopedic Exam II: Lower-Extremity	3	HSC 6603	Theories of Health Behavior and Practice in Health Education	3
ATR 6304	Rehabilitation and Modalities of Athletic Injuries	3	HSC 6605	Scientific Foundations of Holistic Health	3
ATR 6624	Athletic Training Research and Technology I	3	HSC 6625	Trends in International Health	3
ATR 6625	Athletic Training Research and Technology II	3	HSC 6629	Health Promotion for Priority Populations	3
ATR 6934	Seminar in Athletic Training	3	HSC 6637	Social Marketing and Health	3
HLP 6515	Evaluation Procedures in Health and Human Performance	3	HSC 6646	Community Health Methods in Injury Prevention & Control	3
HLP 6535	Research Methods in Health and Human Performance	3	HSC 6665	Health Communication	3
HLP 6911	Research Seminar	1	HSC 6695	Worksite Health Promotion	3
HLP 6935	Variable International Topics	1-6	HSC 6712	Evaluating Health Education Programs	3
HLP 7939	HHP PhD Professional Development Seminar	3	HSC 6735	Research Methods in Health Education	3
HLP 7979	Advanced Research in Health and Human Performance	1-12	HSC 6850	Internship in Health Education	1-12
HLP 7980	Research for Doctoral Dissertation	1-15	HSC 6904	Readings in Health Education	1-3
PET 5064	Athlete Sexual Health and Wellness	3	HSC 6905	Independent Study	1-3
PET 5936	Special Topics/Seminars	1-3	HSC 6910	Supervised Research	1-5
PET 6910	Supervised Research	1-5	HSC 6935	Current Topics in Health Education	1-3
PET 6947	Graduate Internship in Exercise and Sport Sciences	3-9	HSC 6940	Supervised Teaching	1-5
PET 6971	Research for Master's Thesis	1-15	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

Health Education and Behavior Departmental Courses

Code	Title	Credits
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 and Behavior	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

sport MANAGEMENT Departmental Courses

Code	Title	Credits
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 5185	High-Performance Coaching: Priority Alignment	3
PET 5186	High-Performance Coaching: Exploring Team Dynamics	3
PET 5187	High-Performance Coaching: Creating Winning Environments	3
PET 5188	High-Performance Coaching: Building Character through Sport	3
PET 5766	High-Performance Coaching: Leadership through a Sport Lens	3
PET 6177	Athlete-Centered Coaching and Leadership	3
SPM 5016	Sport Sociology	3
SPM 5107	Sport Event Management: Principles and Applications	3
SPM 5181	Athlete Development	3
SPM 5185	Name, Image, and Likeness: Amateur Athletes as Brands	3
SPM 5205	Environmental Sustainability and Sports	3
SPM 5206	Sport Ethics	3
SPM 5207	Sport Sponsorship	3
SPM 5309	Sport Marketing	3
SPM 5405	Sport Mass Media	3

SPM 5506	Sport Finance	3
SPM 5518	Nonprofit Management in Sport	3
SPM 5726	Sport Business Law	3
SPM 5936	Current Topics in Sport Management	1-3
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 6308	Study of Sport Consumer Behaviors	3
SPM 6326	Sport Marketing Analytics	3
SPM 6606	Management of Olympic Games Functional Areas	3
SPM 6610	Sport Events and Community Development	3
SPM 6721	Advanced Sport Law	3
SPM 6726	Issues in Sport Law	3
SPM 6727	The Application of Fair Competition Laws to Sport Management	3
SPM 6905	Directed Independent Study	1-6
SPM 6910	Supervised Research	1-6
SPM 6947	Graduate Internship in Sport Management	3-9
SPM 6948	Advanced Practicum in Sport Management	1-3
SPM 6971	Research for Master's Thesis	1-15
SPM 7750	Theories in Sport Management	3
SPM 7900	Readings in Sport Management	3

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.

Faculty

Professor

- Ko, Yong Jae