

University Bulletin

Undergraduate Degree Programs

Primary Navigation

Health and Human Development

Improving human lives through innovative research, teaching and service activities is and always has been the defining goal of the COLLEGE OF HEALTH AND HUMAN DEVELOPMENT. Created in 1987 through the combination of strong programs offered by other Penn State colleges, the College of Health and Human Development was the first in the country to take a combined approach to the health, development, and well being of individuals and families. The college seeks to improve the quality of human life through all three of its missions: conducting research, providing education for students who are planning professional careers in the field, and offering outreach programs for health-services professionals as well as the general public.

The field of health and human development encompasses a wide range of professions. Programs in the college help students prepare for careers in health care, nursing, nutrition and dietetics, athletic training, rehabilitation and therapy, sports medicine, child care, human services, gerontology, speech pathology and audiology, health promotion, fitness and sports, health-care management, hospitality, tourism, recreation and parks, education, research and several others. Many students go on to medical or dental school or other graduate study.

The college has schools and departments offering programs consistently ranked among the top of their kind in the nation; ten highly successful interdisciplinary research centers addressing major societal problems and influencing policies geared toward tackling those problems; twenty-nine laboratories conducting leading edge research providing undergraduate and graduate students world class faculty and facilities to enhance their academic and professional interests; and nine units providing various clinical and other services which have an immediate impact on those they serve. These units span a variety of disciplines with one common goal: improving the health and well being of our society.

The faculty represents some of the most respected leaders in their disciplines, including Fellows, presidents and board/committee members of numerous national academies and organizations. Penn State regularly recognizes the college's faculty for excellence in teaching, advising, research, and actively engaging students. The accomplishments of the faculty speak volumes about the stimulating intellectual environment that the college has been able to create and sustain since its inception.

RESEARCH--Research in the college focuses on significant areas of human development and human health. Faculty conduct both basic and applied studies and receive funding from the University, state and federal agencies, and other public and private sponsors. Faculty members are especially well known for their research in child development, aging, family relationships, leisure behavior, human physical performance, nutrition, and the genetics of behavior. In addition to the research programs based in each of the academic departments, there are strong interdepartmental and interdisciplinary research programs within the college. The college cooperates with regional, national and international industries, and government agencies in identifying trends and advancing scientific inquiry. The college's research efforts have resulted in a nearly fivefold increase in external funding during the past decade.

OUTREACH AND CONTINUING EDUCATION -- As part of Pennsylvania's original land-grant university, the college has a strong commitment to extend the knowledge and expertise of the faculty to health-care professionals, school personnel, human service providers, community leaders, parents, and many others through a wide range of outreach activities including conferences, workshops, clinical services, continuing and distance education programs, youth camps, and service learning opportunities.

INTERNATIONAL PROGRAMS -- The college and its faculty have many mutually beneficial relationships with universities on all continents. The college works with International Programs to support students who are interested in incorporating study abroad or other international experiences into their academic plans.

UNDERGRADUATE EDUCATION

All of the majors have four common objectives: 1. Students should earn a broad education in the basic areas of human knowledge (i.e., natural sciences, social and behavioral sciences, and arts and humanities) and in the processes of human development. 2. A professional component should be included to help students prepare for health and human service careers or for advanced study. 3. Students should spend

time applying their classroom knowledge to real-life situations. 4. Students should explore various areas of interest, and with the help of their advisers, plan a program of study that emphasizes the students' backgrounds, talents, and goals.

Field projects, clinical experiences in various settings, and special laboratory opportunities are an integral part of most majors. These may involve additional expenses, such as travel to community settings, which are paid by the student.

The college offers instruction at both the undergraduate and graduate levels. General requirements for advanced degrees are described in the [Graduate Degree Programs Bulletin](#).

BASIC INSTRUCTION--An objective of the General Education program of the University is for all students to know how to achieve and maintain good health and to attain a degree of skill in recreational activities. In support of this objective, the Departments of Biobehavioral Health, Kinesiology, and Nutritional Sciences, and the School of Nursing offer courses about health and nutrition issues. The Department of Kinesiology offers courses that provide the opportunity for students to improve cardiovascular fitness, learn physical and recreational skills for lifetime use, and gain knowledge of exercise and sport. Instruction is offered in many activity areas, including dance, sport, aquatics, fitness, and adventure activities. Adapted physical education programs are individually arranged upon recommendation of University Health Services for those students with medical restrictions. Students whose personal or physical circumstances support the need for more individualized programs may petition for independent study or individual assignment. For more information, visit http://bulletins.psu.edu/bulletins/bluebook/general_education.cfm.

GENERAL GRADUATION REQUIREMENTS

Bachelor of Science Degree

Students are typically admitted to the College of Health and Human Development and may request admission to a major in their fourth semester of enrollment. One exception is the Professional Golf Management program, which admits first-year students.

During the freshman and sophomore years, all students are expected to take basic courses appropriate to their intended major as well as selected General Education courses. Judicious choice of these courses helps the student select a major at the end of the sophomore year.

Students, in consultation with an adviser and according to their background, interests, and career objectives, select specific courses to meet the requirements of the major and to promote their professional and personal development. Guidelines for selection are established by faculty in charge of each major and include courses both in the College of Health and Human Development and in other colleges.

Specific requirements for each option in a major are available through the college's Student Services Center. ROTC courses are voluntary and are counted as electives in meeting graduation requirements.

To be eligible for entrance to a major in the college, a degree candidate must be enrolled in, or satisfy requirements for entrance to, the college. In addition, the degree candidate must meet entrance-to-major requirements of the University, the college, and the department. Under certain circumstances, the University may need to limit enrollments in the college or in certain majors because of space limitations.

TEACHER PREPARATION PROGRAMS -- One of the college's degree programs, Kinesiology, offers an option in teacher certification. See [Teacher Education Programs](#) for general information and special requirements regarding teacher certification.

RECOMMENDED ACADEMIC PLANS

Recommended Academic Plans provide, in table form, the courses students might schedule semester by semester as they pursue a specific undergraduate degree. Each college or campus maintains Recommended Academic Plans for its own majors/degree programs. Links to these plans are on the Division of Undergraduate Studies website at: <http://www.dus.psu.edu/semplans.htm>. Questions concerning the Recommended Academic Plans should be directed to the college or campus involved or the Division of Undergraduate Studies.

COLLEGE OF HEALTH AND HUMAN DEVELOPMENT

ANN C. (Nan) CROUTER, *Dean*

DENNIS SHEA, *Associate Dean for Undergraduate Studies and Outreach*

KATHRYN DRAGER, *Associate Dean for Research and Graduate Education*

COLLEGE ORGANIZATION

School of Hospitality Management -- DONNA QUADRI-FELITTI, *Director*
Department of Biobehavioral Health -- THOMAS J. GOULD, *Head*
Department of Communication Sciences and Disorders -- DIANE L. WILLIAMS, *Head*
Department of Health Policy and Administration -- MARIANNE HILLEMEIER, *Head*
Department of Human Development and Family Studies -- DOUGLAS M. TETI, *Head*
Department of Kinesiology -- NANCY I. WILLIAMS, *Head*
Department of Nutritional Sciences -- A. CATHARINE ROSS, *Interim Head*
Department of Recreation, Park, and Tourism Management -- PETER NEWMAN, *Head*

Baccalaureate Degrees

Athletic Training

University Park, College of Health and Human Development (ATHTR)

Not all majors are available at every campus. The Athletic Training major will only be offered at University Park campus.

PROFESSOR NANCY I. WILLIAMS, *Head, Department of Kinesiology*

The Athletic Training major provides a concentrated program of courses designed to prepare students for a career in the profession of athletic training. This major has been designed to meet the standards for national certification by the Board of Certification (BOC) and legal certification by the Commonwealth of Pennsylvania.

Students are admitted into the program on a competitive basis following completion of prerequisite courses (see requirements for admission). Students must also meet the "Technical Standards for the Undergraduate Athletic Training Program at Penn State University" related to the physical and psycho-emotional demands placed upon students in the major. Upon admission, students complete a 5-semester sequence of coursework and supervised clinical rotations. Students typically commit 200 to 300 hours to clinical practical experiences in each of the last 4 semesters of the program. The Technical Standards course sequencing and prerequisite courses can be found at http://www.hhdev.psu.edu/kines/undergrad/docs/Athletic_Training_Technical_Standards.pdf or obtained through the Department of Kinesiology. Full course descriptions are found in the *University Bulletin*.

Students seeking to transfer from other colleges or universities will have their transcripts evaluated after acceptance to Penn State to identify those courses and credits that will be applied to completion of degree requirements. Coursework specific to athletic training will not be considered for transfer unless completed in a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training education program.

The Athletic Training major requires a minimum of 120 credits for graduation. Upon graduation and successful completion of the national BOC examination, students may seek employment in various professional settings including: professional sports, colleges and universities, secondary schools, hospitals, sports medicine clinics, industrial settings plus many more.

Minimum Requirements for Admission to the Athletic Training major (admission is competitive--meeting minimum requirements does not assure admission into the major):

1. Submission of printable online Athletic Training (AT) Program Application
2. Cumulative grade-point average of 2.5.
3. 3.0 grade-point average in KINES 135(3), KINES 202(4), KINES 231(3), KINES 233(3).
4. Completion of entrance interview with Athletic Training Program Director or designee.
5. Evidence of ability to meet the physical and psycho-emotional standards as outlined in the "Technical

Standards for the Undergraduate Athletic Training Program at Penn State."

Additional information about the major, including Technical Standards, the Athletic Training (AT) Program Application, course sequencing, and prerequisites can be found at:

<http://www.hhdev.psu.edu/kines/undergraduate/athletic-training> or obtained through the Department of Kinesiology. Full course descriptions are found in the University *Bulletin*.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. BB H requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(21 of these credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

REQUIREMENTS FOR THE MAJOR: 96-100 credits

(This includes 21 credits of General Education courses: 6 credits of GQ courses; 9 credits of GN courses; 3 credits of GS courses; 3 credits of GHA courses).

ELECTIVES: 0-1 credits

PRESCRIBED COURSES (81 credits) **[1]**

MATH 022 GQ(3), CHEM 111 GN(1), KINES 135(3), PSYCH 100 GS(3) (Sem: 1-2)

BIOL 141 GN(3), KINES 231(3), KINES 233(3) (Sem: 3)

KINES 202(4), NUTR 251 GHA(3), KINES 321(3), KINES 341 IL(3), KINES 345(3), KINES 350(3), KINES 360(3),

KINES 384(3)(Sem: 3-6)

KINES 232(3), KINES 334(3) (Sem: 4)

KINES 335(3), KINES 395F(3), KINES 434(3) (Sem: 5)

KINES 336(3), KINES 395G(3), KINES 435(3), KINES 436(4) (Sem: 6)

KINES 395I(3), KINES 438(3) (Sem: 7)

KINES 495F(3) (Sem: 8)

ADDITIONAL COURSES (15-19 credits) **[1]**

Select 3-5 credits: CHEM 106 GN(5); CHEM 110 GN(3) (Sem: 1-2)

Select 3 credits: KINES 100(3); KINES 141 US;IL(3) (Sem: 1-4)

Select 3 credits: KINES 101(3); KINES 180(3) (Sem: 1-4)

Select 3-4 credits: PHYS 150 GN(3); PHYS 250 GN(4))Sem: 3-4)

Select 3-4 credits: STAT 200 GQ(4); STAT 250 GQ(3); SCM 200 GQ(4); (Sem: 3-4)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Lasted Revised by the Department: Fall Semester 2015

Blue Sheet Item #: 44-03-042

Review Date: 11/17/2015

Biobehavioral Health

University Park, College of Health and Human Development (BB H)

University College: Penn State Greater Allegheny, Penn State Lehigh Valley, Penn State New Kensington
World Campus

PROFESSOR THOMAS J. GOULD, *Head of the Department*

This major provides interdisciplinary training designed to integrate biological, behavioral, and social science approaches to the study of human health and illness. Emphasis is placed on the study of physical health. The goal of this major is to help students gain working familiarity with multiple perspectives, approaches, and methods needed to address and solve problems of human health and illness. Students may select courses in the supporting courses category that will fulfill requirements for admission to graduate and professional programs. This major helps prepare graduates for entry-level jobs in a range of biomedical and health-related areas, including roles as research assistants, laboratory managers, biomedical product representatives, technical support positions in biomedical and health-related fields. This major also will provide excellent preparation for advanced study in natural and social science disciplines and related professional areas such as epidemiology, public health, environmental health and safety, and human services.

For the B.S. degree in Biobehavioral Health, a minimum of 120 credits is required.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. BB H requires students to complete 24 credits for the major through courses taken at University Park, Greter Allegheny, New Kensington and through World Campus. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(22 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 0-1 credits

REQUIREMENTS FOR THE MAJOR: 97-99 credits

(This includes 21-22 credits of General Education courses; 3-4 credits of GQ courses; 9 credits of GN courses; 6 credits of GS courses; 3 credits of GHA courses.)

PRESCRIBED COURSES (31 credits)

BIOL 110 GN(4) (Sem: 1-3)

BBH 101 GHA(3)[1], BIOL 141 GN(3)[1], NUTR 251 GHA(3), PSYCH 100 GS(3)[1] (Sem: 1-4)

BBH 310(3)[1], BBH 311(3)[1], BBH 316(3)[1], BBH 411(3)[1], BBH 440 US;IL(3)[1] (Sem: 5-8)

ADDITIONAL COURSES (51-53 credits)

Select 3 credits from: BIOL 133 GN(3) or BIOL 222(3) (Sem: 1-2)

Select 3-4 credits from: BIOL 230W GN(4)[1] or CHEM 101 GN(3)[1] or CHEM 110 GN(3)[1] or MICRB 106 GN(3)[1] (classes used to fulfill this requirement may not be used to fulfill the 12 credits of basic science below) (Sem: 1-4)

Select 3-4 credits from: STAT 200 GQ(4)[1] or STAT 250 GQ(3)[1] (Sem: 1-2)

Select 3 credits from: BBH 301W(3), PHIL 110 GH(3), PHIL 132 GH(3), RLST 131 GH(3) (Sem: 5-8)

Select 12 credits from: CHEM 110 GN (3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1) (Sem: 1-2) CHEM 202(3) or CHEM 210(3), CHEM 203(3) or CHEM 213(2), CHEM 212(3), MICRB 106 GN(3), MICRB 107 GN(1), PSYCH 260(3) (Sem: 3-4)

ANSC 479(3), ANTH 021 GN(3), ANTH 022 GN(3), ANTH 216 GN;GS(3), BMB 211(3), BIOL 155 GN(3), BIOL 129 GN(4), BIOL 142(1), BIOL 220W GN(4), BIOL 230W GN(4), BIOL 240W GN(4), BIOL 422(3), BIOL 409(3), BIOL 479(3), EARTH 100 GN(3), EARTH 103 GN(3), EGEE 101 GN(3), EGEE 102 GN(3), EMSC 101 US;IL(3), FDSC 404(3), FDSC 405(3), FDSC 406(3), FDSC 407(2), FDSC 408(3), GEOG 110 GN(3), GEOG 314 GN(3), PHYS 250 GN(4), PHYS 251 GN(4), PSYCH 460(3), PSYCH 461(3), PSYCH 462(3), PSYCH 464(3), PSYCH 470(3), PSYCH 473(3), VBSC 211 GN(3), VBSC 230(3), VBSC 231(3) (Sem: 5-8)

Select 15 credits from (at least 6 credits must be at the 400 level)[1]: BBH 203(3), BBH 251 US(3), BBH

302 US(3), BBH 305 IL(3), BBH 315 US(3), BBH 324(3), BBH 368(3), BBH 390A(3), BBH 402 IL(3), BBH 407 IL(3), BBH 410(3), BBH 416(3), BBH 417(3), BBH 432(3), BBH 446(3), BBH 451(3), BBH 452 US(3), BBH 458 GS(3), BBH 468(3), BBH 469(3), BBH 470(3), BBH 490(3) (Sem: 5-8)

Select 9 credits from: CSD 100 GHA;US(3), CSD 101 GHA/US(1.5), CSD 146 US;IL(3), CSD 218(3), CSD 230(3), CSD 269 GH;US;IL(3), HPA 057 GHA(3), HPA 101(3), HPA 310(3), HDFS 229 GS(3), HDFS 239 GS(3), HDFS 249 GS(3), HDFS 250 US(3), HDFS 302A(3), HDFS 311(3), HDFS 315 US(3), HDFS 405 US(3), HDFS 416 US(3), HDFS 418(3), HDFS 428(3), HDFS 429(3), HDFS 431(3), HDFS 433(3), HDFS 445(3), HDFS 468(3), KINES 100(3), KINES 101(3), KINES 141 US;IL(3), KINES 165(3), KINES 180(3), KINES 203(3), KINES 304(1), KINES 356(3), KINES 358(1), NUTR 111 GH;US(3), NUTR 358(2), NUTR 360(3), PSYCH 212 GS(3), PSYCH 243 GS(3), PSYCH 270(3) (Sem: 5-8)

Select 3 credits from: HDFS 129 GS(3), HDFS 229 GS(3), HDFS 239 GS(3), or HDFS 249 GS(3) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 3 credits in health promotion at 400 level from approved list, in consultation with adviser (Sem: 5-8)
Select 12 credits in University-wide offerings from approved list, in consultation with advisor (Students may apply 6 credits of ROTC.) (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2015

Blue Sheet Item #: 44-02-031

Review Date: 10/13/2015

UCA Revision #1: 9/20/06

HH

Dept head updated: 8/24/16

Communication Sciences and Disorders

University Park, College of Health and Human Development (CSD)

PROFESSOR DIANE L. WILLIAMS, *Head of the Department*

This major offers a comprehensive program of study for preparing students who want to become speech-language pathologists or audiologists. The curriculum is specifically designed for the sole purpose of preparing undergraduate students for graduate study in communication sciences and disorders or related areas. This occurs because state licensure laws and professional certifications require that a speech-language pathologist or audiologist must have a master's degree, pass a national test, and complete a clinical fellowship year.

Overall, the curriculum enables students to develop fundamental knowledge based on scientific principles, skills, and attitudes required for habilitating and rehabilitating persons of all ages with a wide range of speech, language, and hearing problems. Further, the curriculum allows students an opportunity to explore all aspects of communication sciences and disorders as well as elect courses of special interest.

The first two years of study emphasize general education and background study. The last two years of study emphasize normal and disordered aspects of speech, language, and hearing as well as professional management, concerns, and obligations. Clinical observation and diversity focused course work are included in the curriculum.

For the B.S. degree in Communication Sciences and Disorders, a minimum of 120 credits is required. (To satisfy graduation requirements, students must have completed 6 credits from courses offered in the college and outside the department in which the major is offered.)

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. CSD requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(6-10 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 27-30 credits

REQUIREMENTS FOR THE MAJOR: 54-55 credits

(This includes 6 -10 credits of General Education courses; 3-6 credits of GS courses; 3-4 credits of GQ courses.)

PRESCRIBED COURSES (42 credits)

CSD 146 US;IL(3)[1], CSD 230(3)[1], CSD 269 US;IL(3)[1], PSYCH 100 GS(3) (Sem: 1-4)

CSD 300 US;IL(3)[1], CSD 301(3)[1], CSD 311(3)[1], CSD 331(3)[1] (Sem: 3-6)

CSD 433(3)[1], CSD 442(3)[1], CSD 444(3)[1], CSD 451(3)[1], CSD 459(3)[1], CSD 462 US;IL(3)[1] (Sem: 5-8)

ADDITIONAL COURSES (12-13 credits)

Select 3 credits from EDPSY 014(3) or PSYCH 261 GS(3) (Sem: 1-4)

Select 3 credits from HDFS 129 GS(3) or PSYCH 212 GS(3) (Sem: 1-4)

Select 3-4 credits from EDPSY 101 GQ(3), PSYCH 200 GQ(4), or STAT 200 GQ(4) (Sem: 3-4)

Select 3 credits from HDFS 229 GS(3), HDFS 249 GS(3), HDFS 315 US(3), HDFS 411(3), HDFS 418(3), HDFS 432(3), PSYCH 270(3), or PSYCH 471(3) (Sem: 3-6)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2013

Blue Sheet Item #: 42-03-077

Review Date: 11/19/2013

UCA Revision #1: 8/20/06

HH

Health Policy and Administration

Capital College (HPACA)

University Park, College of Health and Human Development (H P A)

University College: Penn State Lehigh Valley, Penn State Mont Alto (HPACC)

Penn State World Campus

PROFESSOR MARIANNE HILLEMIEER, *Head of the Department*

This major helps prepare students for management and policy positions or graduate study in the field of health care. Students in the major develop the skills and knowledge needed to understand the complex societal problem of providing access to quality health care at reasonable cost. All Health Policy and Administration students complete an internship in a health-care-related setting, giving them valuable experience and contacts in the industry. HPA students study a multidisciplinary curriculum that prepares them to work as health services managers or health analysts. Health services managers, also called health care executives or health care administrators, plan, direct, and coordinate medical, health, and/or long-term care services. They might manage an entire facility or specialize in managing a specific clinical area or department, administrate a program or manage a practice for a group of providers. Health analysts are employed throughout the health care industry gathering, compiling, modeling, validating, and analyzing data needed by different organizations of providers, payers, and policy makers. Analysts help these organizations understand the current trends in the health care system and to make well-informed decisions. Both health services managers and analysts must be able to adapt to changes in health care laws, regulations, and technology. HPA students have also used the degree to prepare for graduate study in business, law, medicine or allied health fields, health administration, health services research or policy, and public health.

The requirements for the major are outlined below. Students may select courses in the Supporting Courses

and Related Areas category to fulfill requirements for a minor, to develop a specialization, or to complete courses required for admission to medical, dental, law, or other graduate schools.

For the B.S. degree in Health Policy and Administration, a minimum of 120 credits is required.

The integrated B.S. in Health Policy and Administration/Master of Health Administration (MHA) program allows qualified undergraduate students to earn both degrees in five calendar years of full time academic study.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. H P A requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(12 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 4-6 credits

REQUIREMENTS FOR THE MAJOR: (81-83 credits)

(This includes 12 credits of General Education courses: 6 credits of GQ courses; 6 credits of GS courses.)

PRESCRIBED COURSES (36 credits)**[1]**

ECON 102 GS(3), PLSC 1 GS(3), (Sem: 1-4)

HPA 101(3), HPA 210(3), HPA 211(3), HPA 301(3), HPA 310(3), HPA 311(3), HPA 332(3), HPA 390(3), HPA 395(3), HPA 455(3) (Sem: 1-8)

ADDITIONAL COURSES (15-17 credits)**[1]**

STAT 200 GQ(4) or STAT 250 GQ(3) (Sem: 1-4)

CMPSC 101 GQ(3) or CMPSC 203 GQ(4) (Sem: 3-4)

Select 9 credits from HPA 401 IL(3), HPA 410(3), HPA 420(3), HPA 430(3), HPA 433(3), HPA 440 US;IL(3), HPA 442(3), HPA 445(3), HPA 447(3), HPA 450(3), HPA 460(3), HPA 470(3), HPA 490(3) or HPA 497 (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (30 credits)

(Must include at least 9 credits at the 400 level)

Select 30 credits from University-wide offerings on department list in consultation with adviser (Sem: 5-8)

Integrated B.S. in Health Policy and Administration/Master of Health Administration (M.H.A.) Admission and Degree Requirements

The following credentials will be considered for admission:

A demonstrated ability to communicate effectively, an advanced level of maturity, and high motivation to pursue a career in the health care field

Academic references

Successful completion of 60 credits having maintained a cumulative GPA of 3.4 or better

Students admitted to the B.S. in Health Policy and Administration/MHA integrated program are able to earn both the B.S. and MHA in five calendar years of full time academic study.

A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2015 (H P A); Summer Session 2005 (Integrated B.S./H P A-M.H.A.)

Hospitality Management

*University Park, College of Health and Human Development (HM)
Penn State Berks (HMBL) - Effective Fall Semester 2015*

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR Donna Quadri-Felitti, *Director and Associate Professor, School of Hospitality Management*

This major helps provide preparation for management positions in hotels, restaurants, institutions, and other hospitality organizations. The program is designed to give the student a broad general education and a strong management and problem-solving orientation balanced with the requisite technical skills, all of them essential for career progression to upper-management positions in the hospitality professions. The program also helps prepare students for graduate study.

HOSPITALITY MANAGEMENT OPTION: This option helps prepare students for management positions in any segment of the hospitality industry, including hotels, restaurants, institutional or non-commercial operations, clubs, resorts, and casinos. The management focus helps provide students with the analytical, interpersonal, and organizational skills necessary to effectively function as hospitality professionals.

HOSPITALITY ENTREPRENEURSHIP OPTION: (offered only at Penn State Berks) This option helps prepare students for careers as owners or managers of small independently-owned hospitality operations or as entrepreneurs within large hospitality corporations or management companies in hospitality segments such as a restaurants, hotels, and non-commercial operations. The entrepreneurship focus helps provide students with creative problem solving, opportunity recognition, and leadership skills necessary to effectively manage small or individual unit's hospitality operations.

For the B.S. degree in Hospitality Management, a minimum of 120.5 credits is required. The B.S. degree program consists of two options: (1) Hospitality Management and Hospitality Entrepreneurship.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. SHM requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(9-10.5 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 11-12.5 credit

REQUIREMENTS FOR THE MAJOR: 86-87.5 credits^[1]

(For the HM option, this includes 10.5 credits of General Education courses: 6 credits of GQ courses; 3 credits of GS courses; 1.5 credit of GHA courses. For the Hospitality Entrepreneurship option, this includes 9 credits of General Education courses: 3 credits of GS courses and 6 credits of GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 65 credits

PRESCRIBED COURSES (62 credits)

ACCTG 211(4), ECON 102 GS(3), STAT 200 GQ(4) (Sem: 1-4)

HM 201(3), HM 202(1), HM 203(1), HM 228(1), HM 271(3), HM 290W(3), HM 329(3), HM 330(2), HM 335(3),

HM 336(3), HM 350 GQ(3), HM 365 IL(3), HM 380(3), HM 430(3), HM 435(3), HM 442(3), HM 466 US(3), HM 490(3), HM 492(1), NUTR 119(3)(Sem: 5-8)

ADDITIONAL COURSES (3 credits)
BA 303(3) or MKTG 221(3) (Sem: 1-4)

REQUIREMENTS FOR THE OPTION: 21-22.5 credits

HOSPITALITY MANAGEMENT OPTION: (22.5 credits)

PRESCRIBED COURSES (7.5 credits)
HM 355(3), HM 480(3), NUTR 100 GHA(1.5) (Sem: 5-6)

SUPPORTING COURSES AND RELATED AREAS: (15 credits)
Select 15 credits of HM courses from an approved department list, up to 4 credits of any foreign language, and other courses in consultation with an advisor.

HOSPITALITY ENTREPRENEURSHIP OPTION: (21-22 credits)

PRESCRIBED COURSES (12 credits)
HM 305(3), HM 319(3), HM 484(3), MGMT 215(3) (Sem: 5-6)

ADDITIONAL COURSES (9-10 credits)
Select 9-10 credits from the following: BA 243(4), BA 250(3), ENGR 310(3), MGMT 425(3), MGMT 427(3) (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2016

Blue Sheet Item #: 45-01-067

Review Date: 8/23/2016

UCA Revision #1: 8/8/06

HH

School director updated: 4/16/13

Human Development and Family Studies

Penn State Altoona (HFSAL)

Penn State Harrisburg (HFSCA)

University College (HFSCC): Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Mont Alto, Penn State Shenango, Penn State Worthington-Scranton, Penn State York

College of Health and Human Development (HD FS)

World Campus

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR DOUGLAS M. TETI, *Head of the Department*

This major is a multidisciplinary program that examines the development of individuals and families across the life span. It enables students to prepare for professional, managerial, or scientific roles in health and human services professions, in public and nonprofit agencies, and in business and industry, as well as for advanced professional or graduate study. Students obtain a broad background in individual and family development across the life span. Courses emphasize biological, psychological, social/cultural, and economic aspects of development. Through course work and undergraduate internships or research projects, students develop skills relevant to career objectives, such as counseling, human assessment, program planning and evaluation, and research.

Two options are available within the major: (1) Life Span Human Services option and (2) Life Span Developmental Science option. The introductory paragraph to each of the options includes a brief list of career opportunities. More extensive descriptions of career opportunities in both public and private sectors are available for the program.

LIFE SPAN HUMAN SERVICES OPTION: This option focuses on the acquisition and application of scientific knowledge about development and family functioning across the life span for the purposes of enhancing

personal and family development. Courses emphasize: (1) understanding the biological, psychological, and social development across the life span, and the structuring and functioning of families; (2) understanding basic theoretical and methodological issues; and (3) the development of applied skills in intervention and evaluation, prevention, and in the formulation of social policy. An approved field experience in a setting that serves children, youth, adults, or the aged is required for this option. Typical employment settings include preschools, daycare centers, hospital programs for children, youth, and families, institutional and community mental health programs for individuals and families, programs for abused or neglected children and adolescents, women's resource centers, human resources programs, employee assistance programs, nursing homes, area agencies on aging and other community settings for older adults, and public welfare and family service agencies. Typical postgraduate pursuits of students completing this option include graduate study in human development, family studies, psychology, or sociology, or advanced professional training in psychology, law, behavioral health, counseling or social work.

LIFE SPAN DEVELOPMENTAL SCIENCE OPTION: This option focuses on the understanding of contemporary methodological approaches to the acquisition of scientific knowledge about individual development over the life span and about family development. This option provides preparation for advanced training in careers in developmental or family research, teaching at a college or university, or for professional careers that require graduate training. Courses within this option emphasize a thorough understanding of the theory and methods of developmental and family theory and research. An approved, multi-semester research practicum is an integral component of this option. Typical postgraduate pursuits of students completing this option include graduate study in human development, family studies, psychology, or sociology, or advanced professional training in psychology, law, behavioral health, social work, or in other programs related to services for individuals and families.

For the B.S. degree in Human Development and Family Studies, a minimum of 120 credits is required.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. HD FS requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(3-4 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selections, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 3-5 credits

REQUIREMENTS FOR THE MAJOR: 73-76 credits

(This includes 3-4 credits of General Education GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 30-31 credits

PRESCRIBED COURSES (18 credits)[\[1\]](#)

HDFS 129 GS(3), HDFS 301(3), HDFS 311(3), HDFS 312(3), HDFS 315 US(3)[\[93\]](#), HDFS 418(3) (Sem: 3-6)

ADDITIONAL COURSES (12-13 credits)[\[1\]](#)

Select 6 credits from HDFS 229 GS(3), HDFS 239 GS(3), HDFS 249 GS(3) (Sem: 1-4)

STAT 200 GQ(4) or EDPSY 101 GQ(3) (Sem: 1-4)

Select 3 credits of United States Cultures (US)[\[92\]](#) (Sem: 4-8)

REQUIREMENTS FOR THE OPTION: 43-45 credits

LIFE SPAN HUMAN SERVICES OPTION: (43-45 credits)

PRESCRIBED COURSES (9 credits)[\[1\]](#)

HDFS 411(3), HDFS 414(3), HDFS 455(3) (Sem: 5-8)

ADDITIONAL COURSES (22-24 credits)[\[1\]](#)

Select 3 credits from HDFS 428(3), HDFS 429(3), HDFS 433(3) or HDFS 445(3) (Sem: 5-8)

Select 6 credits from 300- or 400-level HDFS courses (Sem: 5-8)

Select 13-15 credits from (a) or (b)

(a) Approved field practice in a human service setting: HDFS 490(2), HDFS 495A(9), HDFS 495B(3) (Sem: 5-8)

(b) Approved group project or field practice in human service setting: HDFS 401(3), HDFS 402(4), HDFS 495C(6-8) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits (minimum of 6 credits at the 400 level) in consultation with adviser from University-wide offerings that develop competency in the option (a grade of C or better is required in any HDFS course taken to satisfy this requirement) (Sem: 5-8)

LIFE SPAN DEVELOPMENTAL SCIENCE OPTION: 45 credits

PRESCRIBED COURSES (6 credits)**[1]**

HDFS 494(6) or HDFS 494H(6) (Sem: 5-8)

ADDITIONAL COURSES (21 credits)**[1]**

Select 6 credits from HDFS 428(3), HDFS 429(3), HDFS 433(3), HDFS 445(3) (Sem: 5-8)

Select 15 credits (minimum of 9 credits at the 400-level) from HDFS courses (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (18 credits)

Select 18 credits (minimum of 9 credits at the 400 level) in consultation with adviser from University-wide offerings that develop competency in option (a grade of C or better is required in any HD FS course taken to satisfy this requirement) (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

[92] This course is in addition to the 6 credits of United States Cultures and International Cultures.

[93] This course fulfills the University's United States Cultures requirement.

Last Revised by the Department: Summer Session 2006

Blue Sheet Item #: 34-02-111

Review Date: 10/11/05

HH

Kinesiology

Penn State Altoona

Berks College (KINBL)

Penn State Harrisburg (KINCA)

University Park, College of Health and Human Development (KINES)

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR NANCY I. WILLIAMS, Head, Department of Kinesiology

Kinesiology offers a comprehensive program of study in the science of human movement and is designed for students who want to prepare for professions involving physical activity and for graduate study in related areas. The Kinesiology major options are: Applied Exercise and Health; Movement Science; and Exercise Science (offered only at Penn State Berks). All options require a culminating practicum or research experience. Relocation away from the University Park campus is generally necessary for the practicum. All options require a minimum of 120 credits for graduation. Additional requirements are mandated by the Pennsylvania Department of Education (PDE) for entrance to the Health and Physical Education (HPE) certification emphasis in the Applied Exercise and Health Option (AEH). Additional requirements are mandated by the Pennsylvania Department of Education (PDE) for entrance to the Health and Physical Education (HPE) certification emphasis in the Applied Exercise and Health Option (AEH). Information about the major and its options can be found at <http://www.hhdev.psu.edu/kines/index.html>.

Students who have completed a minimum of 28 credits and have a 2.00 cumulative grade-point average are eligible for entrance into the major after completing an Entrance to Major form.

APPLIED EXERCISE AND HEALTH OPTION: This option provides applied interdisciplinary training in the foundations of the scientific understanding of exercise and health through the lifespan. Students identify one of two areas of emphasis that are certification-based and practice-oriented: (a) courses and practical experiences directed toward certification by organizations such as the American College of Sports Medicine (ACSM) or the National Strength and Conditioning Association (NSCA), or (b) a series of courses and student

teaching leading to teacher certification. In order to qualify for the teacher certification track, students must meet the requirements mandated by the Pennsylvania Department of Education (PDE). PDE requirements can be found at <http://www.hhdev.psu.edu/kines/undergraduate/physical-health-education>. The completion of the Applied Exercise and Health Option will prepare students to work in the private or corporate fitness arenas, community-based fitness organizations, and university or hospital settings, or be Pennsylvania certified in health and physical education (K-12) and secure teaching positions in public or private schools.

MOVEMENT SCIENCE OPTION: This option provides interdisciplinary scientific training in academic areas such as biomechanics, exercise physiology, movement neuroscience, psychology of physical activity, and sport history and philosophy to understand movement for prevention and diagnosis of chronic disease, rehabilitation and treatment, and/or theoretical study. Students are prepared for graduate study in many clinical fields including medicine, physical therapy, occupational therapy, physical assistant, cardiac rehabilitation, as well as a broad range of careers in biomedical and health-related fields.

EXERCISE SCIENCE OPTION: (offered only at Penn State Berks and Penn State Harrisburg) This option is a program of study in the science of exercise. This program offers Kinesiology background and applied experience in fitness assessment, exercise physiology, exercise psychology, motor skill development, nutrition and healthy living skills. Graduates will be able to scientifically assess fitness levels of individuals. Analyzing those assessments, graduates will then be capable of designing and implementing appropriate exercise programs. Students in the Business Emphasis can obtain a Business Minor through this program. Students acquire basic business skills in accounting, marketing, management and entrepreneurial skills. Students choosing the Science Emphasis will select courses from a department list that will enhance their opportunity for graduate studies in Kinesiology-related fields, physical therapy and medical schools. The completion of the Exercise Science Option will enable graduates to compete for employment in the corporate fitness arena, private fitness clubs, community-based fitness organizations, hospital and university settings or possibly to operate their own health and fitness company.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. KINES requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(18-27 of these credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES :
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:
(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 0-2 credits

REQUIREMENTS FOR THE MAJOR: 95-109 credits
(This includes 18-27 credits of General Education courses: Applied Exercise and Health Option - 9 credits GN, 6 credits GQ, 3 credits of GH, 6 credits of GS and 3 credits of GHA. Movement Science Option--9 credits of GN courses; 6 credits of GQ courses; 3 credits of GS courses; 3 credits of GHA courses. Exercise Science Option--9 credits of GN courses; 6 credits of GQ courses; 3 credits of GHA courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 41-43 credits

PRESCRIBED COURSES (28 credits)**[1]**
BIOL 141 GN(3) (Sem: 1-4)
KINES 202(4), NUTR 251 GHA(3) (Sem: 3-4)
KINES 321(3), KINES 341 US;IL(3), KINES 345(3), KINES 350(3), KINES 360(3), KINES 384(3) (Sem: 3-6)

ADDITIONAL COURSES (13-15 credits)**[1]**
Select 3 credits: KINES 100(3); KINES 141 US;IL(3) (Sem 1-4)
Select 3 credits: KINES 180(3); KINES 101(3) (Sem 1-4)
Select 1 credit: KINES 295B(1); KINES 295(1) (Sem 1-4)
Select 3-4 credits: PHYS 150 GN(3); PHYS 250 GN(4) (Sem: 1-4)
Select 3-4 credits: STAT 200 GQ(4); or STAT 250 GQ(3); or SCM 200 GQ(4) (Sem: 2-6)

REQUIREMENTS FOR THE OPTION: 54-66 credits

APPLIED EXERCISE AND HEALTH OPTION: (62-66 credits)

PRESCRIBED COURSES (34 credits)

CHEM 101 GN(3)[1], CI 280 GH(3), EDPSY 010 GS(3)[1], KINES 200(3)[1], KINES 201(3)[1], KINES 267(1)[1], KINES 367(1)[1], KINE3S 368 (2)[1], KINES 401(3)[1], KINES 455(3)[1], KINES 456(4)[1], PSYCH 100 GS(3)[1] (Sem: 2-6)

ADDITIONAL COURSES (3 credits)

MATH 026 GQ(3)[1] or Satisfactory performance on the MATH placement examination--i.e., placement beyond the level of MATH 026 (Sem: 1-2)

SUPPORTING COURSES AND RELATED AREAS (25-29 credits)

Take the following required courses with selected emphasis area:

a. HPE Certification Emphasis (Sem: 7-8)

KINES 366(3), KINES 395A(1), KINES 400(3), KINES 464(3), KINES 468W(3), SPLED 400(4) (Sem: 7)
KINES 495A(12) (Sem: 8)

b. ACSM/NSCA Certification Emphasis (Sem: 7-8)

KINES 395(1), KINES 421(3), KINES 457(3), KINES 485(3), KINES 492(3)

Select 3 credits from approved 400-level KINES courses: KINES 410(3), KINES 411(3), KINES 422(3), KINES 424 US(3), KINES 425(3), KINES 460(3), KINES 465(3), KINES 467(3), KINES 481(3), KINES 483(3), KINES 493(3) (Sem: 7)

KINES 495B(6), KINES 495E(3) (Sem: 8)

MOVEMENT SCIENCE OPTION: (54-56 credits)

PRESCRIBED COURSES (24 credits)[1]

BIOL 110 GN(4), BIOL 142(1), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1) (Sem: 1-4)

PHYS 251 GN(4), PSYCH 100 GS(3) (Sem: 3-6)

KINES 395B(1) (Sem: 5-8)

KINES 495B(6) (Sem: 7-8)

ADDITIONAL COURSES (21-23 credits)

CHEM 106 GN(5)[1]; or CHEM 110 GN(3)[1] (Sem: 1-4)

MATH 026 GQ(3)[1]; or Satisfactory performance on the MATH placement examination--i.e., placement beyond the level of MATH 026 (Sem: 1-4)

Select an additional 15 credits from approved 400-level KINES courses:

KINES 410(3), KINES 411(3), KINES 420(3), KINES 421(3), KINES 422(3), KINES 423(3), KINES 424 US(3), KINES 425(3), KINES 426(3), KINES 427(3), KINES 428(3), KINES 429(3), KINES 439(3), KINES 440(3), KINES 441 US(3), KINES 442 IL(3), KINES 443 IL(3), KINES 444 US(3), KINES 446 IL(3), KINES 447(3), KINES 450(3), KINES 452(3), KINES 453(3), KINES 454(3), KINES 455(3), KINES 456(4), KINES 457(3), KINES 460(3), KINES 463(3), KINES 465(3), KINES 467(3), KINES 481(3), KINES 483(3), KINES 484(3), KINES 485(3), KINES 488(3), KINES 492(3), KINES 493(3), KINES 495E(3), KINES 499 IL(1-12) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (9 credits)

Select 9 credits in University-wide offerings from an approved list, in consultation with advisor. (Sem: 1-8)

EXERCISE SCIENCE OPTION: (54-56 credits)

PRESCRIBED COURSES (29 credits)[1]

KINES 200(3), KINES 201(3), KINES 260(3), (Sem: 3-4)

KINES 356(3), KINES 358(I) (Sem: 5-6)

KINES 420(3), KINES 456(4), KINES 457(3), KINES 495C(6) (Sem: 7-8)

ADDITIONAL COURSES (9-11 credits)

CHEM 101 GN(3)[1]; or CHEM 106 GN(5)[1]; or CHEM 110 GN(3)[1] and CHEM 111 GN(1)[1] (Sem: 1-2)

MATH 022 GQ(3)[1]; or Satisfactory performance on the MATH placement examination--i.e., placement beyond the level of MATH 022 (Sem: 1-2)

Select 3 credits from KINES 001 GHA(1.5) to KINES 099(3) (Sem: 1-2)

SUPPORTING COURSES AND RELATED AREAS (16 credits)

Select 16 credits from one of the following emphasis area from an approved list, in consultation with advisor. At least 3 credits must be at the 400 level.

a. Business Emphasis (Sem: 1-8)

b. Science Emphasis (Sem: 1-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Lasted Revised by the Department: Fall Semester 2015

Blue Sheet Item #: 44-03-043

Review Date: 11/17/2015

UCA Revision #1: 8/8/06

HH

Nutritional Sciences

University Park, College of Health and Human Development (NUTR)

PROFESSOR CATHARINE ROSS, *Head of the Department*

The study of nutrition is a dynamic science that incorporates knowledge of human biology and biochemistry to understand how the body utilizes nutrients and related substances for optimal health throughout the lifecycle. Students gain an understanding of how the interplay of nutrition and lifestyle relate to current public health issues as well as the development and nutrition management of chronic and acute diseases. Students learn the scientific rationale and practice methodology to assess nutritional status for individuals in the clinical setting and for population analysis. They will use these skills to implement medical nutrition therapy or understand nutrition guidelines, standards, and policies.

Students may select one or more options: Applied Sciences, Basic Sciences, and Dietetics. Students in any option can choose from one or more of four emphases: Public Health Nutrition and Policy; Nutrition and Foods in Business; Community Nutrition and Food Security; or Nutrition Education and Communications.

APPLIED SCIENCES OPTION: This option integrates knowledge of social and behavioral sciences with human physiology and nutrition. Students learn to apply knowledge of nutrition to improve health and well-being of individuals and populations by applying nutrition principles in different practice settings. Graduates of this option can seek employment in public health and policy, food industry, management, community and international agencies, school food service, or continue to graduate study in nutrition or related fields.

BASIC SCIENCES OPTION: This option incorporates knowledge from biology, chemistry, physiology, and physics with nutrition. This option is recommended for students preparing for careers in medicine and other health related fields such as dentistry, optometry, physician assistant, physical therapy, and chiropractic, including graduate school. Also, this option prepares students for careers in laboratory research in the pharmaceutical or food industries, government, or academia.

DIETETICS OPTION: This option links nutrition and human behavior to improve the nutritional status of individuals and communities or apply nutrition principles and counseling skills to medical problems in clinical dietetics. It also prepares students for management positions in nutrition and food systems. Graduates satisfy the current requirements for application to an accredited post-baccalaureate dietetic internship. Upon satisfactory completion of a Dietetic Internship, graduates are eligible to take the registration examination to become a Registered Dietitian.

Admission to the Dietetics Option: C or better in NUTR 251, BIOL 141, and CHEM 110

For the B.S. degree in Nutritional Sciences, a minimum of 120 credits is required.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. NUTR requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(17-22 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 5-8 credits

REQUIREMENTS FOR THE MAJOR: 86-87 credits

(This includes 16-20 credits of General Education courses: Applied Sciences Option: 7-9 credits of GN courses; 3-4 credits of GQ courses; 6 credits of GS courses; 3 credits of GHA courses; or Basic Sciences Option: 7-9 credits of GN courses; 6 credits of GQ courses; 3 credits of GHA courses; or Dietetics Option: 7-9 credits of GN courses; 3-4 credits of GQ courses; 3 credits of GS courses; 3 credits of GHA courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 29-30 credits**PRESCRIBED COURSES** (23 credits)

NUTR 251 GHA(3)[1], NUTR 358(2) (Sem: 1-3)

BMB 211(3)[1], NUTR 445(3)[1], NUTR 446(3)[1], NUTR 451(3)[1] (Sem: 5-7)

NUTR 452(3), NUTR 490(3) (Sem: 7-8)

ADDITIONAL COURSES (6-7 credits)

STAT 200 GQ(4) or STAT 250(3) (Sem: 1-3)

CHEM 202(3) or CHEM 210(3) (Sem: 2-4)

REQUIREMENTS FOR THE OPTION: 57 credits**APPLIED SCIENCES OPTION:** (57 credits)**PRESCRIBED COURSES** (30 credits)

BIOL 141 GN(3), CHEM 110 GN(3) (Sem: 1-3)

MICRB 106 GN(3), MICRB 107 GN(1), NUTR 320(3), NUTR 360(3) (Sem: 4-6)

HM 228(1), HM 329(3), HM 330(2), NUTR 456 US(3) (Sem: 5-6)

NUTR 370(1), NUTR 400(1), NUTR 453(3) (Sem: 7-8)

ADDITIONAL COURSES (6 credits)

AGBM 101 GS(3), ECON 102 GS(3), or ECON 104 GS(3) (Sem: 1-4)

HDFS 129 GS(3) or PSYCH 100 GS(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (21 credits)

Select 21 credits, in consultation with an adviser, from University-wide offerings that provide relevance to this option. See program list of recommended courses. (At least 6 credits must be at the 400 level and, of those, no more than 3 credits may be NUTR 496.) (Sem: 3-8). Students are encouraged to select one (or more) of four Emphases: Public Health Nutrition and Policy; Nutrition and Foods in Business; Community Nutrition and Food Security; and Nutrition Education and Communications. A minimum of 15 credits is recommended for an Emphasis.

BASIC SCIENCES OPTION: (57 credits)**PRESCRIBED COURSES** (38 credits)

BIOL 110 GN(4), BIOL 141 GN(3), BIOL 142(1), BIOL 230W GN(4), CHEM 110 GN(3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1), MATH 140 GQ(4) (Sem: 1-3)

BMB 212(1), MICRB 201(3), MICRB 202(2), PHYS 250 GN(4), PHYS 251 GN(4) (Sem: 3-4)

ADDITIONAL COURSES (3 credits)

CHEM 203(3) or CHEM 212(3) (Sem: 4-6)

SUPPORTING COURSES AND RELATED AREAS (16 credits)

Select 16 credits, in consultation with an adviser, from University-wide offerings that provide relevance to this option. See program list of recommended courses. (At least 9 credits must be at the 400 level and, of those, no more than 6 credits may be NUTR 496.) (Sem: 3-8)

DIETETICS OPTION: (57 credits)**PRESCRIBED COURSES** (38 credits)

BIOL 141 GN(3)[1], CHEM 110 GN(3)[1] (Sem: 1-3)

MICRB 106 GN(3), MICRB 107 GN(1), NUTR 320(3), NUTR 360(3) (Sem: 4-6)

HM 228(1), HM 329(3), NUTR 456 US(3), NUTR 391(1), (Sem: 5-6)

HM 330(2), NUTR 370(1), NUTR 386(3) (Sem: 6-8)

NUTR 371(1), NUTR 400(1), NUTR 453(3), NUTR 495(3) (Sem: 7-8)

ADDITIONAL COURSES (3 credits)

HDFS 129 GS(3) or PSYCH 100 GS(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (16 credits)

Select 16 credits, in consultation with an adviser, from University-wide offerings that provide relevance to this option. See program list of recommended courses. (At least 6 credits must be at the 400 level and, of those, no more than 3 credits may be NUTR 496.) (Sem: 3-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2012

Blue Sheet Item #: 40-06-135

Review Date: 04/10/2012

UCA Revision #1: 8/9/06

HH

Recreation, Park, and Tourism Management

University Park, College of Health and Human Development (RPTM)

PROFESSOR PETER NEWMAN, *Head of the Department*

Through this program, students can prepare for supervisory and administrative positions in public or private agencies at the federal, state, and local levels. These include, but are not limited to, park systems, environmental centers, resorts, university intramural and sport club programs, event management businesses, recreation services for the armed forces, and therapeutic recreation programs in hospitals and health care facilities. Three options are offered: (1) Commercial and Community Recreation Management, (2) Golf Management, (3) Outdoor Recreation.

Students who have completed 28 credits with a 2.00 cumulative grade-point average are eligible for entrance into the major after filing a written application. First-year students are admitted directly into the Golf Management option at the University Park campus only. In addition to the University's academic requirements, each student admitted to the Golf Management option must have a playing proficiency represented by a minimum golf handicap of 12 or lower. This must be certified in writing by a PGA member or golf coach.

COMMERCIAL AND COMMUNITY RECREATION MANAGEMENT OPTION: This option focuses on management in the private/commercial, non-profit, and public sectors of recreation/leisure services. The private/commercial focus will be of interest to students seeking careers in a variety of commercial settings such as resorts; theme parks, convention centers; sports and fitness facilities, including arenas and stadiums; tourism promotion/planning agencies; and employee recreation departments within corporations. This focus will also appeal to students wishing to become entrepreneurs. For those interested in the community, public, or non-profit sectors, this option prepares students for positions within municipal, state, and federal government agencies; recreation divisions of the armed services; YMCA agencies; United Way agencies; scouting organizations; university-affiliated units such as student unions, intramural and alumni services; and other non-profit organizations.

GOLF MANAGEMENT OPTION: This option helps prepare students to manage golf facilities within the municipal, military, public, and private sectors. In addition to the core curriculum in Recreation, Park, and Tourism Management, this option includes a strong basic education in business coupled with course work in turf management and hospitality. Each student completes sixteen months of Co-op education under the supervision of a Class A member of the Professional Golfers' Association of America.

OUTDOOR RECREATION OPTION: This option helps prepare students for careers in environmental interpretation, adventure-based programming, or facilities and resource management. One track focuses upon natural and cultural history interpretation, including environmental education. Another track emphasizes adventure-based program leadership, including team-building facilitation. The third track focuses on the management of park and recreation facilities and resources. The outdoor recreation option would be of interest to students seeking employment in a variety of recreation and park venues (local, state, and national) offering outdoor activities to the public.

For the B.S. degree in Recreation, Park, and Tourism Management, a minimum of 120 credits is required.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. RPTM requires students to complete 24 credits for the major through courses taken at University Park. Courses taken at other Penn State campuses may not be counted toward this 24 credit minimum. For more information, check the Recommended Academic Plan for this major.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(3-7 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 8-13 credits

REQUIREMENTS FOR THE MAJOR: 65-70 credits

(This includes 3-7 credits of General Education courses; 3-4 credits of GQ courses; 0-3 credits of GN courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 26-27 credits

PRESCRIBED COURSES (23 credits)[\[1\]](#)

RPTM 101(2), RPTM 120 GS(3), RPTM 236(3) (Sem: 1-4)

RPTM 277 US(3), RPTM 356(3) (Sem: 3-6)

RPTM 410(3), RPTM 460(3) (Sem: 5-8)

RPTM 433(3) (Sem: 7-8)

ADDITIONAL COURSES (3-4 credits)

EDPSY 101 GQ(3) or STAT 100 GQ(3) or STAT 200 GQ(4) (Sem: 3-6)

REQUIREMENTS FOR THE OPTION: 39-43 credits

COMMERCIAL AND COMMUNITY RECREATION MANAGEMENT OPTION: (39-40 credits)

PRESCRIBED COURSES (21 credits)[\[1\]](#)

RPTM 210(2), RPTM 300(3), RPTM 394(1) (Sem: 3-6)

RPTM 415(3), RPTM 495A(12) (Sem: 5-8)

ADDITIONAL COURSES (6-7 credits)

Select 6-7 credits from ACCTG 211(4) or HM 335(3), BA 250(3), FIN 100(3), HM 201(3), MGMT 100(3), MKTG 150(3), MKTG 221(3) (Sem: 3-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits from department list in consultation with faculty adviser (Sem: 3-8)

GOLF MANAGEMENT OPTION: (42-43 credits)

PRESCRIBED COURSES (25 credits)

BLAW 243(3), MGMT 100(3), RPTM 210(2)[\[1\]](#) (Sem: 3-6)

HM 336(3), RPTM 360(3)[\[1\]](#) (Sem: 5-6)

HM 318(2), TURF 100(3) (Sem: 5-10)

HM 466(3), RPTM 415(3)[\[1\]](#) (Sem: 9-10)

ADDITIONAL COURSES (17-18 credits)

Select 3-4 credits from ACCTG 211(4) or HM 335(3) (Sem: 3-6)

Select 14 credits from RPTM 295A(1-4)[\[1\]](#), RPTM 395B(1-4)[\[1\]](#), RPTM 495B(1-4)[\[1\]](#), RPTM 495C(1-4)[\[1\]](#), RPTM 495D(1-4)[\[1\]](#) (Sem: 3-8)

OUTDOOR RECREATION OPTION: (41-42 credits)

PRESCRIBED COURSES (20 credits)[\[1\]](#)

RPTM 320(3), RPTM 394(1) (Sem: 3-4)

RPTM 470(3), RPTM 480(1), RPTM 495A(12) (Sem: 5-8)

ADDITIONAL COURSES (21-22 credits)

Select 6 credits from courses with the following abbreviations: ERM, FOR, GEOSC, WFS (Sem: 3-6)

Select among: a, b, or c (15-16 credits)

a. Environmental Interpretation Emphasis:

Select 12 credits from RPTM 325(3)[\[1\]](#), RPTM 326(3)[\[1\]](#), RPTM 327(3)[\[1\]](#), RPTM 425(3)[\[1\]](#), RPTM 430(3)[\[1\]](#)

(Sem: 5-8)

Select 3 credits from department list, in consultation with faculty adviser (Sem: 3-8)

b. Adventure-based Programming Emphasis:

Select 6-9 credits from RPTM 230(3)[1], RPTM 330(3)[1], RPTM 440(3)[1] (Sem: 3-8)

Select 0-3 credits from RPTM 325(3)[1], RPTM 334(3)[1], RPTM 430(3)[1] (Sem: 3-8)

Select 6 credits from department list, in consultation with faculty adviser (Sem: 3-8)

c. Park Management Emphasis:

RPTM 334(3)[1], RPTM 435(3)[1] (Sem: 6-8)

Select 6-7 credits from ACCTG 211(4) or HM 335(3), HM 201(3), MGMT 100(3), MGMT 341(3), MKTG 221(3) (Sem: 3-6)

Select 3 credits from department list, in consultation with faculty adviser (Sem: 3-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2010

Blue Sheet Item #: 39-01-103

Review Date: 08/24/2010

UCA Revision #1: 9/1/06

HH

Associate Degrees

Hotel, Restaurant, and Institutional Management

University Park, College of Health and Human Development (2HRIM)

JENNIFER P. WAKEMAN, *Coordinator, Penn State Berks*

The Hotel, Restaurant, and Institutional Management major is an intensive four-semester major designed to prepare students for managerial positions in the hospitality industry. The course of study places heavy reliance on experience acquired in an on-the-job setting.

Students who achieve outstanding records may, upon completing this program, apply for admission to the baccalaureate degree major in Hotel, Restaurant, and Institutional Management in the College of Health and Human Development. Six or more additional semesters of satisfactory work are required to earn the baccalaureate degree. Graduates of this major may qualify for admission to other baccalaureate degree majors.

For the Associate in Science degree in Hotel, Restaurant, and Institutional Management, a minimum of 60 credits is required.

Scheduling Recommendation by semester given like (Sem: 1-2)

GENERAL EDUCATION: 21 credits

(6 of these 21 credits are included in REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

REQUIREMENTS FOR THE MAJOR: 45 credits

(This includes 6 credits of General Education GWS courses.)

PRESCRIBED COURSES (35 credits)

ENGL 015 GWS(3)[70], ENGL 202D GWS(3)[70], HRIM 201(3)[70], HRIM 228(1)[70], HRIM 250(3)[1], HRIM 270(4)[1], HRIM 295(3), HRIM 319(3)[70], HRIM 329(3)[70], HRIM 335(3)[70], HRIM 336(3)[70], HRIM 380(3)[70] (Sem: 1-4)

ADDITIONAL COURSES (6 credits)

HRIM 204(3) or MKTG 221(3)[70] (Sem: 1-4)

HRIM 260(3) or MGMT 341(3) (Sem: 1-4)

[70] (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (4 credits)

Select 4 credits in consultation with adviser to develop more depth in hospitality management (Sem: 1-4)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

[70] These courses are required for the baccalaureate degree in Hotel, Restaurant, and Institutional Management.

Last Revised by the Department: Summer Session 2010

Blue Sheet Item #: 39-01-101

Review Date: 08/24/2010

HH

Human Development and Family Studies

Altoona College (2FSAL)

University College (2FSCC): Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Mont Alto, Penn State Schuylkill, Penn State Shenango, Penn State Worthington Scranton, Penn State York University Park, College of Health and Human Development (2EHFS): offered via World Campus

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

For more information, contact 119 Health and Human Development Building, University Park campus.

This major integrates practical and academic experiences to provide the student with entry-level professional competence in the human service field. The objective of the major is to offer a general education background, a knowledge base in life span and family development, and a core of professional skills that may be applied in program planning and service delivery activities. The major is offered part-time, in the evening, and through independent learning.

ADULT DEVELOPMENT AND AGING SERVICES OPTION: This option is designed to prepare students for a wide variety of service roles in mental health facilities, nursing homes and other institutions for the aged, area agencies on aging, public welfare and family service agencies, women's resource centers, human relations programs, employee assistance programs and customer services and consumer relations programs in business and industry. An improved field experience in any of a wide variety of settings that serve adults, the aged, and their families, is required for this option.

CHILDREN, YOUTH, AND FAMILY SERVICES OPTION: This option is designed to prepare students for service roles in preschools; day care centers; hospitals; institutional and community programs for emotionally disturbed, abused, or neglected children and adolescents; as well as a variety of public welfare and family service agencies. An approved field experience in a children, youth, or family services setting is required for this option.

EARLY CHILDHOOD CARE AND EDUCATION OPTION: This option is designed to increase professional capabilities in child care training in regard to issues of quality, affordability, and accessibility of programming. The primary foci are on language, literacy, and science reasoning. In the course work, there is a blending of theory and practice that requires experience in a group setting with young children. Courses concentrate on infants and toddlers as well as older preschoolers. Each course has a strong parent/family communications component and stresses observation techniques appropriate for assessing and evaluating the development of young children.

ENTRANCE REQUIREMENTS: Students must have a minimum 2.0 GPA to change to this Associate degree after admission to the University.

For the Associate in Science degree in Human Development and Family Studies, a minimum of 60 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 21 credits

(15 of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

ELECTIVES: 0-3 credits

REQUIREMENTS FOR THE MAJOR: 51-55 credits

(This includes 15 credits of General Education courses; 6 credits of GWS courses; 3 credits of GS courses; 3 credits of GN courses; and 3 credits of GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 30-31 credits

PRESCRIBED COURSES (21 credits)

CAS 100 GWS(3), ENGL 015 GWS(3), HDFS 129 GS(3)[1], HDFS 301(3)[1], PSYCH 100 GS(3) (Sem: 1-2)
HDFS 395(6) (Sem: 3-4)

ADDITIONAL COURSES (9-10 credits)

EDPSY 101 GQ(3)[1], STAT 100 GQ(3)[1], or STAT 200 GQ(4)[1] (Sem: 1-2)
HDFS 315 US(3)[1] or SOC 030 GS(3) (Sem: 3-4)
BIOL 141 GN(3), BIOL 155 GN(3), or BISC 004 GN(3) (Sem: 3-4)

REQUIREMENTS FOR THE OPTION: 21-24 credits

ADULT DEVELOPMENT AND AGING SERVICES OPTION: (21 credits)

PRESCRIBED COURSES (6 credits)

HDFS 249 GS(3)[1], HDFS 311(3)[1] (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 15 credits in consultation with the adviser from University-wide offerings that enhance competence in the option (Sem: 1-4)

CHILDREN, YOUTH, AND FAMILY SERVICES OPTION: (24 credits)

PRESCRIBED COURSES (9 credits)

HDFS 229 GS(3)[1], HDFS 239 GS(3)[1], HDFS 311(3)[1] (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 15 credits in consultation with the adviser from University-wide offerings that enhance competence in the option (Sem: 1-4)

EARLY CHILDHOOD CARE AND EDUCATION OPTION: (24 credits)

PRESCRIBED COURSES (24 credits)

HDFS 229 GS(3)[1], HDFS 230(3)[1], HDFS 231(3)[1], HDFS 311(3)[1] (Sem: 1-2)
HDFS 232(3)[1], HDFS 233(3)[1], HDFS 234(3)[1], HDFS 330(3)[1] (Sem: 3-4)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2017

Blue Sheet Item #: 45-04-013B

Review Date: 1/10/17

UCA Revision #1: 8/8/06

HH

Minors

Deafness and Hearing Studies Minor

University Park, College of Health and Human Development (DHS)

Contact: Joel Waters, joelwaters@psu.edu

This interdisciplinary minor is designed for students who want to learn about individuals with hearing disabilities, audition, and deafness within an individual and societal context. Core courses include knowledge and skills in preventing hearing loss, basic communication skills and disabilities, history, thought and culture of individuals who are deaf, and principles of human behavior and their applications. The minor will assist students in recognizing relationships among hearing disability, deafness, cultural differences and their impact on the individual in educational, social and vocational settings. Specializations include, but are not limited to, health-related fields, communications, societal and social life, cultural impact, educational experiences, prejudice and discrimination, and rehabilitation. Students will be able to place deaf culture and hearing disabilities in the proper perspective necessary for life-long learners engaged in fostering climates which embrace individuals from diverse backgrounds, especially disabilities.

The minor is most appropriate for students interested in clinical and health-related fields (e.g., nursing,

biobehavioral health, or medicine), professional fields (e.g., business, pre-law, or communications), social sciences (e.g., human development and family studies, sociology, or psychology), and education (e.g., early childhood education, special education, rehabilitation counseling), as it will provide students with exposure to the range of variation in persons with hearing disabilities and deafness across the lifespan.

Students from any major (except Communication Sciences and Disorders) can declare a minor in Deafness and Hearing Studies. A grade of C or better is required for all courses in the minor. Students seeking advising for this minor should contact the Department of Communication Sciences and Disorders.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (9 credits)

CSD 146 US;IL(3), CSD 269 US;IL(3), PSYCH 100 GS(3) (Sem: 1-6)

SUPPORTING COURSES AND RELATED AREAS (9 credits)

(Some courses in this category have prerequisites that are not required in the minor.)

(At least 6 credits must be at the 400 level.)

COMM 408(3), COMM 411(3), CSD 218(3), CSD 230(3), CSD 301(3), CSD 331(3), CSD 433(3), CSD 451(3), CSD 495(3), CSD 496(3), EDPSY 10 GS(3), HDFS 129 GS(3), HDFS 417 US;IL(3), KINES 400(3), NURS 401(3), NURS 452(3), PSYCH 253 GS(3), PSYCH 420(3), PSYCH 432 US(3), PSYCH 441(3), PSYCH 476(3), RPTM 277 US(3), RHS 300(3), RHS 403(3), SOC 1 GS(3), SOC 3 GS(3), SOC 429(3), SOC 430(3), SPLED 400(3), SPLED 425(4) (Sem: 1-8)

Lasted Revised by the Department: Fall Semester 2016

Blue Sheet Item #: 45-01-066

Review Date: 08/23/2016

UCA Revision #1: 8/20/06

HH

Diversity and Inclusion in Health and Human Development

University Park, Health and Human Development (DIHHD_UMNR)

The Diversity and Inclusion in Health and Human Development helps students explore and understand the impacts racial, ethnic, socioeconomic status, and cultural diversity have in the world of health care, education, hospitality, recreation, and tourism.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

ADDITIONAL COURSES (6 credits)

Select 6 credits from: KINES 100(3); NUTR 251 GHW(3); RPTM 120 GS;US;IL(3); CSD 146 US;IL(3); HM 201(3); HPA 101(3); BBH 101 GHW(3); HDFS 129 GS(3)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Choose 12 credits from one of the following clusters. At least 6 credits must be at the 400 level and at least 3 credits outside of your major:

Global Health Diversity and Inclusion: HPA 410 IL(3); NUTR 425 IL(3); RPTM 300 IL(3); BBH 302 US(3); BBH 305 IL(3); BBH 402 IL(3); BBH 407 IL(3); BBH/HPA 440 US;IL(3)

Health and Identity: BBH 251 US(3); BBH 302 US(3); BBH 315 US(3); BBH/NURS/WMNST 452 US(3); CSD 269 GS;US;IL(3); KINES/WMNST 424 US(3); HDFS/WMNST 250 US(3); HDFS 405 US(3)

Work, Recreation, Family and Community: RPTM 277 US(3); NUTR 456 US(3); HM 466 US(3); HDFS 315 US(3); HDFS 424 US(3); KINES 341 US(3)

Lasted Revised by the Department: Fall Semester 2017

Blue Sheet Item #: 46-01-077

Review Date: 8/22/2017

Global Health Minor (GLBHL)

University Park, College of Health and Human Development (GLBHL)
Contact: Dr. Dana Naughton, Director, dmn161@psu.edu

The Global Health Minor (GLBHL) is designed to provide undergraduate students with a multidisciplinary exposure to the theoretical and practical issues affecting the health of populations in various countries and regions of the world. This minor is appropriate for students whose career goals incorporate public health interventions, education, policy or research related to global health. Course work and supervised field work will draw on the diversity and abundance of the Penn State faculty's international resources and networks.

Students desiring to enter the minor must submit an application to the Director. Applications to the Global Health Minor:

must have declared a major field of study

must include with the application a proposed plan of study. This plan should include the student's contact information and GPA, a brief statement about the relationship of this minor to the student's major plan of study and career goals, a list of proposed supporting courses, and a proposed supervised fieldwork experience. The student's application to the minor must be signed by the student's academic/faculty adviser.

previously completed course work and/or supervised fieldwork experience may be retroactively included in the plan of study if approved by the Director of the minor.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1 - 2)

REQUIREMENTS FOR THE MINOR: 27-28 credits

PRESCRIBED COURSES (18 credits)

BBH 101 GHA(3), BBH 305 IL(3), BBH 390A(3), BBH 390B(6), and BBH/HPA 440 US;IL(3) (Sem: 4-6)

ADDITIONAL COURSES (3-4 credits)

STAT 200 GQ(4) or STAT 250 GQ(3)

SUPPORTING COURSES AND RELATED AREAS (6 credits)

Select 6 credits from the list of approved supporting courses in consultation with the Global Health Director, with at least 3 credits at the 400 level. Other courses (e.g. special topics courses, independent study) that are not on the list of approved supporting courses may also be used to meet the credit requirements for the GLBHL minor. However, all course substitutions require approval of the Director. (Sem 5-8)

SUPERVISED FIELDWORK EXPERIENCE

An approved, supervised fieldwork experience dealing with a global health issue is a requirement of this minor (BBH 390B). BBH 390A must be taken prior to this field experience. Global health field sites may be international or domestic, but must be approved by the Director. (Sem: 6)

Last Revised by the Department: Fall Semester 2015

Blue Sheet Item #: 44-03-041

Review Date: 11/17/2015

Health Policy and Administration Minor

University Park, College of Health and Human Development (H P A)
University College, Lehigh Valley

Contact: University Park - Mark Sciegaj, mxs838@psu.edu; Lehigh Valley - Anita Yuskauskas,

auy10@psu.edu

The minor in Health Policy and Administration (H PA) is designed to provide students with a background in the policy issues and administrative challenges related to quality, cost, and access to health care. The minor is most appropriate for students interested in clinical and health-related fields (e.g., nursing, nutrition, biobehavioral health, or medicine), professional fields (e.g. business administration or law), or the social sciences (e.g., economics, sociology, political science, psychology), giving these students an understanding of the health care industry and the impact of business and government on that industry.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (6 credits)

HPA 57 GHA(3) and HPA 101(3) (Sem: 3-6)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 3-6 credits from HPA 210(3), HPA 211(3), HPA 301(3), HPA 310(3), HPA 311(3), HPA 332(3) (Sem: 3-6)

Select 6-9 credits from 400-level HPA courses (Sem: 5-8)

Note: Some courses have additional prerequisites that must be met.

Last Revised by the Department: Spring Semester 2017

Blue Sheet Item #: 45-06-028

Review Date: 4/4/17

HH

Human Development and Family Studies Minor (HD FS)

Contact: Abington College, Michael Bernstein, mjb70@psu.edu; Altoona College, Margaret Benson, enz@psu.edu; Penn State Harrisburg, Barbara Carl, bec109@psu.edu; College of Health and Human Development, Devon M. Thomas, dmc233@psu.edu; Penn State York, Dr. JeanMarie St. Clair-Christman, jxs176@psu.edu

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (3 credits)

HDFS 129 GS(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 9 credits of HDFS courses (Sem: 1-6)

Select 6 credits of 400-level HDFS courses (Sem: 5-8)

Last Revised by the Department: Fall Semester 2001

Information Sciences and Technology in Health Policy and Administration Minor

University Park, College of Health and Human Development (ISHPA)

Contacts: Health and Human Development -Caroline Condon-Lewis, cxc29@psu.edu; Information Sciences and Technology - Jean Peritz, jperits@ist.psu.edu

The learning objectives of the minor in Information Sciences and Technology in Health Policy and Administration (ISHPA) are to equip students with the skills and knowledge to meet the critical need for persons with expertise in health care information technology. Specialists in this field assist health care organizations develop and apply the information technologies needed to develop Web-based systems for

patient education, physician-patient interaction and physician-physician consultation, securely transmit sensitive medical information electronically, and even pioneer efforts for advanced technologies like remote robotic surgery. The ISHPA minor provides students with a solid base in the information sciences and technology through courses in IST's core curriculum. This core is then supported by selections from a group of HPA courses studying the application of information technology in health planning, financing, or marketing. Students must apply for entrance to the minor no later than the beginning of their seventh semesters.

A grade of C or better is required for all courses in this minor.

Scheduling Recommendations by Semester Standing given like (Sem: 1-2)

REQUIREMENT FOR THE MINOR: 18 credits

PRESCRIBED COURSES (12 credits)

IST 110 GS(3) (Sem: 1-2)

IST 210(3) (Sem: 3-4)

IST 220(3) (Sem: 5-6)

HPA 470(3) (Sem: 7-8)

ADDITIONAL COURSES (6 credits)

Select 6 credits from HPA 433(3), HPA/BBH 440 US;IL(3), HPA 447(3), or HPA 455(3) (Sem: 5-8)

Note: The H P A courses have additional prerequisites that must be met.

Last Revised by the Department: Spring Semester 2015

Blue Sheet Item #: 43-06-000

Review Date: 04/14/2015

HH

Kinesiology Minor

*Penn State Berks, Benjamin Infantolino, bwi100@psu.edu
University Park, College of Health and Human Development (KINES)*

Contact: Mark Dyreson, mxd52@psu.edu

A grade of C or better is required for all courses in the minor.

Students in the Athletic Training Major are not permitted to obtain a Kinesiology Minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18-19 credits

ADDITIONAL COURSES (6-7 credits)

Select 6-7 credits from KINES 100(3) or KINES 141 US;IL(3) and KINES 101(3) or KINES 180(3) and KINES 202(4) (Sem: 5-7)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits from approved list, 6 credits must be at the 400-level: (Sem: 5-8) (see below)

KINES 100(3) or KINES 141 US;IL(3), KINES 101(3) OR KINES 180(3), KINES 202(4), KINES 321(3), KINES 341(3), KINES 345(3), KINES 350(3), KINES 360(3), KINES 384(3), KINES 410(3), KINES 411(3), KINES 420(3), KINES 421(3), KINES 422(3), KINES 423(3), KINES 424 US(3), KINES 425W(3), KINES 426(3), KINES 427(3), KINES 428(3), KINES 429(3), KINES 439W(3), KINES 440(3), KINES 441 US(3), KINES 442 IL(3), KINES 443 IL(3), KINES 444 US(3), KINES 446 IL(3), KINES 447W(3), KINES 450(3), KINES 452(3), KINES 453(3), KINES 454(3), KINES 455(3), KINES 456(4), KINES 457(3), KINES 460(3), KINES 463(3), KINES 465(3), KINES 467(3), KINES 481W(3), KINES 483(3), KINES 484(3), KINES 485(3), KINES 488(3), KINES 492W(3), KINES 493(3) (Exclude: EMT Courses - Kines 303, 304, 403, 404, 498A, 498B, 498C, 498D, 498E, 498F, Internship Courses – Kines 495A, 495B, 495C, and 495D and Kines 203, 296 and 496)

Last Revised by the Department: Fall 2017

Blue Sheet Item #: 46-03-034

RT: 41-02 231

Review Date: 11/14/2017

HH

Nutritional Sciences Minor

University Park, College of Health and Human Development (NUTR)

Contact: Brenda Eissenstat, bre2@psu.edu

A grade of C or better is required for all courses in the minor.

Scheduling recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (11 credits)

NUTR 251 GHA(3) (Sem: 1-4)

NUTR 358(2) (Sem: 3-6)

NUTR 445(3), NUTR 446(3) (Sem: 5-6)

SUPPORTING COURSES AND RELATED AREAS (7 credits)

Select 7 credits from NUTR courses (Sem: 5-8)

Last Revised by the Department: Fall Semester 2002

Blue Sheet Item #: 30-07-094

Review Date: 4/8/03

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Recreation, Park, and Tourism Management Minor

University Park, College of Health and Human Development (RPTM)

Contact: Deb Houser, dmh44@psu.edu, 814-863-8989

The minor in Recreation, Park, and Tourism Management provides an introduction to recreation/leisure services, and emphasizes professional skills essential for successful delivery of these services. Examples of settings offering recreation/leisure services include resorts, theme parks, convention centers, sports and fitness facilities, private corporations, nonprofit agencies, governmental agencies (municipal, state, and federal levels), armed services, colleges and universities, correctional facilities, camps, public parks, nature centers, hospitals and other health care agencies.

Students who minor in Recreation, Park, and Tourism Management gain knowledge and competencies in recreation leadership, program development and implementation, and administration of recreation services. In addition, students explore the relevance of recreation and leisure in their own lives. Support courses enable the student to focus on specialized services, such as commercial recreation and tourism, community recreation, park management, environmental interpretation, or therapeutic recreation.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 20 credits

PRESCRIBED COURSES (14 credits)

RPTM 101(2), RPTM 120 GS(3) (Sem: 1-4)

RPTM 236(3), RPTM 356(3), RPTM 410(3) (Sem: 3-6)

SUPPORTING COURSES AND RELATED AREAS (6 credits)

Select 6 credits three of which must be from 400-level RPTM courses (Sem: 5-8)

Last Revised by the Department: Fall Semester 2004

Blue Sheet Item #: 32-06-123A

Review Date: 02/25/05

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