

Accreditation & Licenses

The School of Public Health-Bloomington is accredited by the Council on Education for Public Health (CEPH). All academic programs offered by the school fall under this accreditation. Many programs are also accredited by additional accrediting bodies. The following is a list of those programs along with each program's accrediting body:

- The Bachelor of Science in Applied Health Science degree program with a major in Dietetics is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND).
- The Bachelor of Science in Health & Wellness Design degree program with a major in Recreational Therapy is accredited by the Commission on Accreditation of Allied Health Education (CAAHEP) and the Committee on Accreditation of Recreational Therapy Education (CARTE). Commission on Accreditation of Athletic Training (CAATE).
- The Master of Science in Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Contact Information

[School of Public Health-Bloomington](#)

Indiana University
1025 E. Seventh Street
Bloomington, IN 47405-7109

Phone: 812-855-1561

Fax: 812-855-4983

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History

Established in 1946 as the School of Health, Physical Education, and Recreation, the school was reinvented as the School of Public Health-Bloomington in 2012, receiving accreditation from the Council on Education for Public Health (CEPH) on July 1, 2015. Over the course of more than 75 years, the school and its programs have grown to encompass a broad spectrum of academic interests and professional fields. As a result of faculty scholarship and service, as well as unparalleled professional contributions by alumni worldwide, the SPH-B has earned an enviable reputation for excellence both at home and abroad. As one of the most active and influential alumni groups in the United States, the school's graduates continue to provide a loyal support network for current programs and students.

Overview

The School of Public Health-Bloomington is a family of researchers, instructors, service providers, students, and alumni with a shared goal of helping people live healthier, happier lives. The school is composed of the Departments of Applied Health Science; Environmental and Occupational Health; Epidemiology and Biostatistics; Kinesiology, and Health & Wellness Design. Several research and service centers operate within these units.

The School of Public Health indicates that for each of its majors it has created a "curriculum that addresses issues of diversity in the United States. Adoption of a requirement that has a focus on the issues of diversity and cultural, racial, ethnic, class, age, ability, sexual

orientation, religious, and gender discrimination within the context of the United States would be especially useful in achieving the objectives of enhanced understanding of diversity."

These concepts are first introduced in SPH B150, SPH K150, and SPH R200 (course of student's choice) required of all majors except for B.S.P.H. degrees, and are continued throughout the curriculum and in each major's internship or culminating experience. School of Public Health's current method for satisfying the shared goal requirement meets or exceeds the proposed outcomes.

School of Public Health has a specialized accreditation through the Council on Education for Public Health (CEPH) ceph.org/assets/2016.Criteria.pdf that has a specific component addressing Diversity that can be found on page 44, section "G1. Diversity and Cultural Competence (SPH and PHP)" of the PDF. Specialized information regarding accreditation can be found on the Council on Education for Public Health website ceph.org/. Specifically, SPH graduates will address the following:

Knowledge

Students will:

1. Know about the social constructions of identities created through legal, cultural, political, and historical practices.
2. Know about social, political, and historical movements that shape and challenge systems of power, privilege, and oppression.

Analysis and Interpretive Skills

Students will:

1. Be able to identify, analyze, and evaluate the ways in which individuals and groups in the US have unequal experiences, access to opportunity, or life outcomes based on the intersections of race, gender, social class, citizenship, (dis)ability, indigeneity, sexual orientation, religion and creed, or other dimensions of difference.
2. Acknowledge and affirm cultural practices and artifacts that represent the pasts, the present, and the self-determined futures of communities other than their own.

Intra- and Interpersonal Skills

Students:

1. Will learn and employ communicative tools for the practice of civil discourse while seeking common ground in discussing concepts of diversity, inclusion, and equity.
2. Will cultivate a growth mindset of openness and tolerance and be willing to stretch beyond their comfort while learning about their position in relationship to others.

Mission

The mission of the Indiana University School of Public Health-Bloomington is to promote health among individuals and communities in Indiana, the nation, and the world through integrated multidisciplinary approaches to research and creative activities, teaching, and community engagement.

Values

As the IU School of Public Health-Bloomington, we value:

- health and quality of life as a human right,
- academic integrity,
- a commitment to diversity and civility,
- a quality education and what it promises,
- research and its application,
- community engagement,
- the responsible stewardship of resources, and
- the multidisciplinary traditions of our school.

Goals

1. Cultivate and sustain an integrated multidisciplinary environment that facilitates excellence in research and creative activity, teaching, service, and community engagement.
2. Educate and prepare the next generation of researchers, teachers, and practitioners to effectively meet the SPH public health-related needs of individuals and communities.
3. Conduct, disseminate, and translate research and creative activity to advance knowledge and health worldwide.
4. Improve the health of Indiana and beyond through community-focused and participatory initiatives.

Objectives by Goal

1. Cultivate and sustain an integrated multidisciplinary environment that facilitates excellence in research and creative activity, teaching, service, and community engagement.
 - Recruit and retain faculty qualified to support the school's academic programs.
 - Maintain fiscal stability supportive of initiatives that advance the school's mission.
 - Facilitate the continuing professional development of faculty, staff, and students.
 - Recruit and retain a diverse faculty and staff.
 - Actively engage faculty and staff in the ongoing development and governance of the school and university.
 - Maintain technological resources that support research/creative activities, teaching, service and community engagement.
 - Maintain a physical learning environment to support research/creative activities, teaching, service and community engagement.
2. Educate and prepare the next generation of researchers, teachers, and practitioners to effectively meet the public health-related needs of individuals and communities.
 - Offer curricula that promote integrated multidisciplinary approaches to public health.
 - Ensure that students across all degree programs complete coursework that includes a basic understanding of the core concepts of public health.
 - Recruit and retain a diverse student body.
 - Engage students in community-based initiatives and/or laboratory-based

experiences to enhance their ability to address contemporary health challenges.

- Achieve optimal graduation rates across all degree programs.
 - Provide advising and career services to support optimal job placement rates within 12 months of graduation.
3. Conduct, disseminate, and translate research and creative activity to advance knowledge and health worldwide.
 - Conduct and disseminate research and creative activity.
 - Demonstrate success in acquiring extramural funding for research and creative activity.
 - Conduct research and creative activity in partnership with community organizations and institutions.
 - Conduct research and creative activity in partnership with other academic institutions both domestically and abroad.
 - Maintain internal funds that support the development of faculty and students in the area of research and creative activity.
 - Conduct research focused on Indiana-specific health issues.
 - Conduct research and creative activity in ways that are interdisciplinary.
 4. Improve the health of people in Indiana and beyond through community-focused and participatory initiatives.
 - Deliver continuing education to the public health workforce.
 - Evaluate the needs of Indiana's public health workforce.
 - Sustain community-academic partnerships designed to enhance the capacity of Indiana's public health workforce.
 - Engage faculty, staff, and students in service to community-based organizations.
 - Deliver health enhancing programs to communities throughout Indiana.
 - Enhance global health through partnerships with other academic institutions and organizations outside the U.S.

Admission

Becoming a student in the School of Public Health-Bloomington

There are a few ways that you can apply and be admitted to SPH-B undergraduate programs. All of them start with [applying to Indiana University Bloomington](#). For detailed information about undergraduate SPH-B admission, please visit one of the pages below:

- Direct Admission for First-Year Students
- Current IU Students
- Transfer Students
- Second Bachelor's Degree

Direct Admission for First-Year Students

As an SPH-B Direct Admit, you will bypass the admission requirements required of most IU students. This means you will start working with SPH-B academic advisors and career coaches from the first day you arrive. Direct admission is only offered to first-year students who are entering in the fall semester. Students who matriculate in the spring semester, transfer students, and students not intending to major in an SPH-B undergraduate degree are not eligible for direct admission.

Each year, qualified high school seniors are offered the opportunity to enter the School of Public Health-Bloomington based on their high school performance. To be eligible for [direct admission, first-year students](#) must:

1. Be admitted, as a first-year student, to IU Bloomington for the fall semester.
2. List any School of Public Health major as the intended major on the IU Bloomington application.
3. Meet additional academic standards detailed [on our website](#).

For additional information, please contact sphadmit@indiana.edu.

Transfer Students

Students currently pursuing a degree at another Indiana University campus or at another college or university will need to apply for admission to the IU Bloomington campus through the [Office of Admissions](#). Admitted transfer students who meet the School of Public Health Bloomington's transfer entrance requirements will immediately certify into the School of Public Health.

Immediate certification to the School of Public Health requires that transfer students:

- Meet [transfer admission criteria for IU Bloomington](#).
- Indicate a School of Public Health program as their intended academic major on the IU Bloomington admissions application.
- Complete 26 credit hours of transferrable coursework.
 - o Credit must be from a regionally accredited institution.
 - o Credit cannot include developmental courses.
 - o Credit must be transferable to IUB based on our transfer policies.

Those who have not met the immediate certification requirements will enter [University Division](#) where they will remain until they meet the entrance requirements.

Second Bachelor's Degree

There are two types of second degrees: concurrent and sequential. A concurrent degree is one earned simultaneously with a first degree. A sequential degree is one earned subsequent to a first degree (at IUB or elsewhere).

Students interested in pursuing a concurrent second degree must meet the School of Public Health's entrance requirements. Questions about pursuing a concurrent degree should be directed to sphadvr@indiana.edu. If you are a current School of Public Health student and want to complete a concurrent degree in another IU school, you

should meet with an academic advisor from that school to learn more.

Students interested in pursuing a sequential bachelor's degree are first encouraged to explore [graduate work](#) in their desired area of interest. Sequential bachelor's degree requests are evaluated by faculty on a case-by-case basis. Questions about pursuing a sequential degree should be directed to sphgrad@indiana.edu.

Current IU Students

Most students admitted to Indiana University Bloomington (IUB) first enter [University Division](#), where they must complete a specific set of requirements if they are interested in gaining admittance to the School of Public Health-Bloomington. Although University Division provides advising services, students who are considering a degree from the School of Public Health should also meet—early in their time at IU—with our [School of Public Health academic advisors](#).

For additional information on applying to IUB, please visit the [Office of Admissions website](#).

Entrance requirements

Apart from students who are admitted to the School of Public Health directly through the [Direct Admission](#) process or [Immediate Certification](#) transfer process, students who wish to pursue a School of Public Health undergraduate major must have:

1. Successful completion of at least 26 credit hours.
2. Minimum 2.0 cumulative grade point average (GPA) at IUB.

Most School of Public Health undergraduate majors require the completion of 26 credit hours and a 2.0 IU campus GPA for admission. The following majors have additional requirements:

- Dietetics - requires a 3.0 IU campus GPA and C or higher in both CHEM-C 117 and CHEM-C 127
- Exercise Science - requires a 2.0 IU campus GPA and a C or higher in SPH-K 212
- Sport Marketing & Management - requires a 2.0 IU campus GPA and a C- or higher in SPH-M 211

Students in University Division must also declare their intent to pursue an SPH major to the University Division Records Office. If a student earns less than a 2.0 semester GPA for the term before entering the School of Public Health, the student may be admitted on academic probation if the student has completed 26 credits and has at least a 2.0 cumulative GPA.

When students in University Division have satisfied the School of Public Health's entrance requirements, they will be certified to the School of Public Health in the major indicated as the primary major. Certification takes place three times a year, usually around the third week of each semester (Summer, Fall, and Spring) and students are sent a notification when this happens. Students should ensure their records reflect their intended major well in advance of the certification period each semester.

For more information, check the [Course Degree Requirements](#) (requires CAS login) for the program you are pursuing.

Certificates

- Certificate in Martial Arts
- Certificate in Safety Management
- Certificate in Underwater Resource Management

Certificate in Martial Arts

- Description of Program
- Admission
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

Students earning the 24 credit hour Undergraduate Certificate in Martial Arts demonstrate the motivation, discipline, and expertise to exceed the normal standards of martial arts training and teaching. The Kinesiology Martial Arts Certificate program incorporates key foundation courses into the martial arts curriculum, such as Structural Kinesiology, Foundations of Physical Activity and Health, and Introduction to Sport Management. In addition the student is guided to selected elective courses in the areas of sport management and physical fitness. Each student chooses to specialize in one of four areas of martial arts: Hapkido, Taekwondo, T'ai Chi Ch'uan or Brazilian Jiu-jitsu and must attain black belt proficiency or the equivalent in at least one of the martial arts.

Admission

Most students pursue the Certificate in Martial Arts while completing a baccalaureate degree. It is however, possible to apply for admission to this certificate program as the sole academic objective. Students interested in earning this stand-alone certificate may apply online for undergraduate admission to Indiana University at admissions.indiana.edu.

Indiana University students wishing to add this certificate to their existing academic program must have a minimum 2.0 cumulative GPA for certificate program admission. All students interested in applying for admission to the Certificate in Martial Arts program should contact the director of the certificate program to become admitted.

Patrick Kelly

Director, Martial Arts
Department of Kinesiology
School of Public Health-Bloomington
SPH 296 A
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-4143
@

Students will be notified of the admission decision by Mr. Kelly.

Certificate Requirements

Students pursuing this certificate program must complete the 24 credit hours prescribed below with a minimum grade of C or higher in courses used to satisfy the requirements of this certificate. Students must also have an overall IU cumulative GPA of at least 2.0 to earn this certificate. The Pass/Fail option is not permitted for any certificate courses.

A grade of "C" or higher must be achieved in all courses.

Required Core (14 cr.):

Complete each of the following courses:

- SPH-I 119 Fitness and Wellness (3 cr.)
- SPH-I 145 Introduction to the Martial Arts (2 cr.)
- SPH-K 205 Structural Kinesiology (3 cr.) **+N&M**
- SPH-K 485 Practicum in Kinesiology and Athletics (3 cr.)
- SPH-M 211 Introduction to Sport Management (3 cr.)

Specialization (5 cr.):

Complete one of the 5-credit groups below:

- SPH-I 147 Hapkido (1 cr.)
- SPH-I 247 Intermediate Hapkido (1 cr.)
- SPH-I 347 Advanced Hapkido (1 cr.)
- SPH-I 447 Advanced Hapkido II (1 cr.)
- SPH-I 445 Independent Study in the Martial Arts (1 cr.)
- SPH-I 150 Tae Kwon Do (1 cr.)
- SPH-I 250 Tae Kwon Do-Intermediate (1 cr.)
- SPH-I 350 Advanced Tae Kwon Do (1 cr.)
- SPH-I 450 Advanced Tae Kwon Do II (1 cr.)
- SPH-I 445 Independent Study in the Martial Arts (1 cr.)
- SPH-I 148 T'ai Chi Ch'uan (1 cr.)
- SPH-I 248 Intermediate T'ai Chi Ch'uan (1 cr.)
- SPH-I 348 T'ui Shou (Push Hands) (1 cr.)
- SPH-I 448 T'ai Chi Ch'uan Sword (1 cr.)
- SPH-I 445 Independent Study in the Martial Arts (1 cr.)
- SPH-I 140 Beginning Brazilian Ju-jitsu (1 cr.)
- SPH-I 240 Intermediate Brazilian Ju-jitsu (1 cr.)
- SPH-I 340 Advanced Brazilian Ju-jitsu (1 cr.)
- SPH-I 100 Advanced Brazilian Ju-jitsu II (1 cr.)
- SPH-I 445 Independent Study in the Martial Arts (1 cr.)

Note: Among the requirements for completion of SPH-I 445 or I 100 Independent Study in the Martial Arts is evidence of the following: black belt or equivalent; training in CPR, first aid, or athletic training emergency care.

Additional Area I (1 cr.):

Complete 1 credit hour from the following courses in an area different from your specialization

- SPH-I 140 Brazilian Jujitsu (1 cr.)
- SPH-I 143 Modern Arnis (1 cr.)
- SPH-I 147 Hapkido (1 cr.)
- SPH-I 148 T'ai Chi Ch'uan (1 cr.)
- SPH-I 149 Judo (1 cr.)
- SPH-I 150 Tae Kwon Do (1 cr.)
- SPH-I 151 Self Defense (1 cr.)
- SPH-I 152 Japanese Jujitsu (1 cr.)
- SPH-I 153 Aikido (1 cr.)
- SPH-I 157 Escrima (1 cr.)
- SPH-I 158 Shotokan Karate (1 cr.)

Additional Area II (1 cr.):

Complete 1 credit hour from the following courses:

- SPH-I 100 Techniques of Stress Reduction (1 cr.)

- SPH-I 144 Chi Gong (1 cr.)
- SPH-I 190 Yoga I (1 cr.)
- SPH-I 146 Jeet Kune Do (1 cr.)

Martial Arts Certificate Electives (3 cr.):

Complete any 3 additional credit hours from the following lists of courses:

Consult with Patrick Kelly when selecting courses.

Fitness

- SPH-K 280 Principles of Athletic Training and Emergency Care (2 cr.)
- SPH-K 316 Theories of Advanced Conditioning (2 cr.)
- SPH-K 317 Theory and Practice of Resistance Training (2 cr.)
- SPH-K 416 Fitness Management (3 cr.)
- SPH-K 417 Physical Activity and Disease (3 cr.) (P: P409)
- SPH-K 419 Fitness Testing and Interpretation (3 cr.) (P: K 409)
- SPH-K 450 Special Topics in Kinesiology (1-3 cr.)
- SPH-K 492 Research in Kinesiology (1-3 cr.) #
- SPH-K 496 Lab Assisting or Field Experience in Kinesiology (3 cr.) #

Management:

- SPH-A 483 Principles of Sports Officiating (1 cr.)
- SPH-M 318 Management of the Sport Enterprise (3 cr.) #
- SPH-M 411 Legal Issues in Sport (3 cr.) (Recommended) (P: BUS-L 201)
- SPH-M 415 Sport Promotions & Public Relations (3 cr.) #
- SPH-M 418 Sport Marketing (3 cr.) (Recommended) (P: BUS-M 300) #
- SPH-R 230 Recreational Sports Programming (3 cr.)

Science:

- SPH-K 385 Practicum in Adapted Physical Activity (1-2 cr.) #
- SPH-K 391 Biomechanics (3 cr.)
- SPH-K 398 Adapted Physical Activity (3 cr.)
- SPH-K 409 Basic Exercise Physiology (3 cr.) (P: PHSL-P 215)
- SPH-K 450 Special Topics in Kinesiology (1-3 cr.)
- SPH-K 452 Motor Learning (3 cr.)
- SPH-K 490 Motor Development and Learning (3 cr.)
- SPH-K 492 Research in Kinesiology (1-3 cr.) #
- SPH-K 497 Internship to Exercise Science (3 cr.) #

Socio/Psychology:

- SPH-K 405 Introduction to Sport Psychology (3 cr.)
- SPH-K 450 Special Topics in Kinesiology (1-3 cr.)
- SPH-K 492 Research in Kinesiology (1-3 cr.) #
- SPH-M 333 Sport in America: Historical Perspectives (3 cr.)
- SPH-M 382 Sport in American Society

Special Opportunities

We offer students the opportunity to apply the theoretical and practical aspects of the martial arts while providing a service to the public/community through internships with

Indiana University, local independently owned businesses, clubs, local schools, and care centers. Our students have access to several newly upgraded training sites within the SPH building and the SRSC through credit hour instruction and Club Sports programs.

Careers

Undergraduate students who are interested in pursuing a career in physical education, recreation, sport management, law enforcement, performing arts, philosophy, social sciences, and psychology can all derive necessary skills and a solid, well-rounded education from this multidimensional program. Students who complete the Undergraduate Certificate in Martial Arts will have certification in the martial arts to teach professionally in community settings, including private clubs, fitness centers, YMCAs, and pursue stunt/action performance work in the entertainment industry.

Certificate in Safety Management

- Description of Program
- Admission
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

To be awarded an undergraduate Safety Management Certificate, individuals must complete 24 hours which includes a 15-hour core of designated safety management courses and an additional 9-hour block of designated courses from one of three concentrations (Health Care, Homeland Security, or Process Safety Education). Students electing to complete a Certificate in Safety Management must initiate this process by signing up with a designated safety faculty member responsible for advising those seeking a certificate in Safety Management within the Department of Applied Health Science.

Admission

Most students pursue the Certificate in Safety Management while completing a baccalaureate degree.

However, it is possible to apply for admission to this certificate program as the sole academic objective. Students interested only in earning this certificate may apply online for undergraduate admission to Indiana University at admissions.indiana.edu.

Indiana University students wishing to add this certificate their existing academic objective must have a minimum 2.0 cumulative GPA for certificate program admission. All students interested in applying for admission to the Safety Management program should contact an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Students will be notified of the admission decision via email.

Certificate Requirements

This one-year program of study is designed for the practitioner who is interested in gaining general safety

and health knowledge combined with specific expertise in health care, homeland security or process safety education. See an advisor for specifics. Certificate requirements include

- 24 successfully completed credit hours as prescribed below.
- A minimum 2.0 cumulative grade point average (GPA) in courses used to satisfy the requirements of this certificate.
- A minimum 2.0 overall IU cumulative grade point average (GPA).
- No Pass/Fail courses are allowed.

Required Health and Safety Courses (15 cr.)

Complete each of the following courses:

- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 201 Introduction to Industrial Hygiene (3 cr.)
- SPH-S 202 Fundamentals of Fire Protection (3 cr.)
- SPH-S 210 OSHA General Industry Standards (3 cr.) **or** SPH-S 214 OSHA Construction Standards (3 cr.)

Concentration Courses (9 cr.)

Select and complete one of the following three concentrations:

Healthcare (9 cr.)

- SPH-S 332 Ergonomic and Human Factors (3 cr.) **or** SPH-S 354 Hazardous Material and Waste Control (3 cr.)
- SPH-S 336 Emergency Management (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene (3 cr.)

Homeland Security (9 cr.)

- SPH-S 302 Introduction to Homeland Security (P: 9 cr. 200 Level SPH-S courses) (3 cr.)
- SPH-S 336 Emergency Management (P: SPH-S 302) (3 cr.)
- SPH-S 365 Security Issues for the Safety Professional (P: SPH-S 302) (3 cr.)

Process Safety Education (9 cr.)

- SPH-S 354 Hazardous Material and Waste Control (P: 6 cr. SPH-S courses or instructor approval) (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene (P: SPH-S 201; CHEM-C 102) (3 cr.)
- SPH-S 411 Industrial Hygiene Sampling and Analysis (P: SPH-S 410) (3 cr.)

Special Opportunities

Students have the opportunity to participate in professional safety and health protection organizations including student chapters of Eta Sigma Gamma and the American Society of Safety Engineers.

Careers

According to a recent survey of American Society of Safety Engineers members, the largest employer groups are insurance, service industries, health care, business, public safety, and nonprofit organizations such as the

Red Cross. Typical jobs include safety technician, safety inspector, safety educator or emergency responder.

Certificate in Underwater Resource Management

- Description of Program
- Admission
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

The curriculum in Underwater Resources Management (URM) emphasizes research, education, and interpretation of underwater resources with emphasis on park development, management, and sustainable use of significant submerged cultural and biological resources. The URM certificate program requires a minimum of 24 credit hours with the scuba skill development courses offered by the Academic Diving Program in the Department of Kinesiology, and underwater park development courses offered in the Department of Health & Wellness Design.

Admission

Most students pursue the Certificate in Underwater Resource Management while completing a baccalaureate degree. However, it is possible to apply for admission to this certificate program as the sole academic objective. Students interested only in earning this certificate may apply online for undergraduate admission to Indiana University at admissions.indiana.edu.

Indiana University students wishing to add this certificate their existing academic objective must have a minimum 2.0 cumulative GPA for certificate program admission. All students interested in applying for admission to the Certificate in Underwater Resource Management program should:

- complete an application as described at academicdiving.publichealth.indiana.edu/.
- write a letter of intent, explaining why you wish to pursue the certificate.
- submit these items to
 - Charles Beeker
Academic Diving Program/Underwater Science Program
Indiana University
Department of Kinesiology
School of Public Health-Bloomington
1025 E. Seventh Street, SPH 058
Bloomington, IN 47405

Phone: 812-855-5748
E-mail: cbeeker@indiana.edu
Web: academicdiving.publichealth.indiana.edu/

Students will be notified of the admission decision by Charles Beeker.

Certificate Requirements (24 cr.)

Students pursuing this certificate program must successfully complete 24 credit hours as prescribed below with a minimum 2.0 cumulative GPA in courses used to satisfy the requirements of this certificate. Students must

also have an overall IU cumulative GPA of at least 2.0 to earn this certificate. 18 of the 24 certificate credits must consist of courses within the School of Public Health. No courses for this certificate may be taken under the Pass/Fail Option.

Field Study Requirement (3 cr.)

Complete one of the following courses:

- BIOL-L 433 Tropical Biology (3 Cr)
- SPH-K 492 Research in Kinesiology (3 Cr)

Diving and Research Courses (minimum 6 cr.)

Complete a minimum of 6 credits from the following courses:

- EAS-E 341 Natural History of Coral Reefs (3 Cr)
- SPH-I 370 SCUBA Certification (3 Cr)
- SPH-I 371 Advanced SCUBA (3 Cr)
- SPH-I 471 Underwater Archeology Techniques (3 Cr)

Certificate Electives

Complete courses from below so that the total of credits from below and above reaches at least 24 credits.

SPH Health & Wellness Design Courses Related to Resource Management

- SPH-R 220 Introduction to Outdoor Recreation, Parks, and Human Ecology (3 Cr)
- SPH-O 244 Natural History and Field Ecology (3 Cr)
- SPH-O 279 Outdoor Adventure Education (3 Cr)
- SPH-O 305 Integrated Resource Management (3 Cr)
- SPH-O 310 Ecosystem Management (3 Cr)

SPH KINESIOLOGY Academic Diving Program

- SPH-I 270 Introduction to Scuba (2 Cr)
- SPH-I 272 Scuba Knowledge Development (1 Cr)
- SPH-I 370 Scuba Certification (3 Cr)
- SPH-I 371 Advanced Scuba (3 Cr)
- SPH-I 470 Diver Safety and Rescue (3 Cr)
- SPH-K 372 Scientific Diver Certification (3 Cr)
- SPH-K 472 Professional Diver Development (3 Cr)
- SPH-K 496 Internship in Kinesiology (3 Cr)

SPEA Courses Related to Environmental Management of Water Resources

- SPEA-E 183 Environment and People (3 Cr)
- SPEA-E 455 Limnology (4 Cr)
- SPEA-E 456 Lake and Watershed Management (3 Cr)
- SPEA-E 457 / E 557 Introduction to Conservation Biology (3 Cr)
- SPEA-E 555 Topics in Environmental Science (3 Cr)
- SPEA-V 450 Environment and Regulations (3 Cr)

COLL Anthropology Courses Related to Underwater Archaeology

- ANTH-A 399 Honors Tutorial (3 Cr)
- ANTH-P 330 Historical Archaeology (3 Cr)
- ANTH-P 399 Undergraduate Seminar (3 Cr)
- ANTH-A 401 Cultural Resource Management (3 Cr)
- ANTH-P 409 Archaeological Ethics (3 Cr)

- ANTH-X 476 Anthropology: Museum Practicum (1-4 Cr)
- ANTH-X 490 Individual Readings in Anthropology (1-4 Cr)

Special Opportunities

The URM certificate requires a minimum of one underwater field research project, although students often participate in more than one. Current and past underwater field projects have been partially supported by the National Oceanic and Atmospheric Administration (NOAA), National Marine Sanctuaries Program, Florida Bureau of Archaeological Research, California State Parks, National Park Service, Indiana Department of Natural Resources, and the governments of the Cayman Islands, Turks and Caicos, and the Dominican Republic. Underwater field research projects provide students with a wide variety of diving experiences augmented by research and publication opportunities that by their nature require interdisciplinary activities. When possible, the Academic Diving Program encourages faculty from various departments to participate in the field or, at a minimum, supervise student reports or research papers.

Careers

Indiana University's URM certificate gives students a unique interdisciplinary education that prepares them for the challenges associated with sustainable management of submerged cultural and biological resources. Previous students have obtained career opportunities with various federal and state agencies including the National Marine Sanctuary Program, National Park Service, U.S. Geological Survey, and the recreational dive industry.

Acceptable Human Development and Family Studies Professional Electives

Professional Electives for Human Development and Family Studies Students

Students must complete 12 credits of professional electives from the list below to tailor their major. At least 9 of these credits must be at the 300 or 400 level, and each course must be completed with a minimum grade of C-.

School of Public Health Options (preferred):

SPH-B 310 Public Health in Diverse Communities
 SPH-B 315 Health in the Later Years
 SPH-B 335 Aging, Health, and Diverse Populations
 SPH-B 350 Seminar in Public Health Education
 SPH-B 354 Multidisciplinary Perspectives in Gerontology
 SPH-B 366 Community Health
 SPH-B 403 Public Health Program Planning
 SPH-B 416 Introduction to Health Counseling
 SPH-E 311 Introduction to Epidemiology
 SPH-F 180 Introduction to Child and Youth Work
 SPH-F 330 Leadership Theory and Practice in Youth Development
 SPH-F 341 Today's Families: Understanding Change in Family Dynamics (*if not completed for major*)
 SPH-F 350 Topical Seminar in HDFS
 SPH-F 410 Positive Youth Development
 SPH-F 457 Protective Factors, Resilience, and Stress in the Family (*if not completed for major*)
 SPH-H 150 Children's Health Up to Age 5
 SPH-H 160 First Aid and Emergency Care
 SPH-H 172 International Health and Social Issues
 SPH-H 174 Prevention of Violence in American Society
 SPH-H 180 Stress Prevention and Management

SPH-H 220 Death and Dying
 SPH-H 235 Obesity and Health
 SPH-H 263 Personal Health
 SPH-H 305 Women's Health
 SPH-H 306 Men's Health
 SPH-H 315 Consumer Health
 SPH-H 318 Drug Use in American Society
 SPH-H 319 Global Health Promotion
 SPH-H 320 Nature of Cancer
 SPH-H 326 Sexually Transmitted Infections
 SPH-H 334 Heart Health and Diabetes
 SPH-H 350 Topical Seminar in Health Promotion
 SPH-H 351 Complementary & Alternative Approaches to Health
 SPH-H 418 The Nature of Addiction
 SPH-H 464 Coordinated School Health Programs
 SPH-K 290 Movement Experiences for Preschool and Elementary School Children
 SPH-K 342 Foundations of Physical Activity Instruction for Older Adults
 SPH-K 360 Determinants of Successful Active Aging
 SPH-K 398 Adapted Physical Activity
 SPH-K 405 Exercise and Sport Psychology
 SPH-K 422 Physical Activity Programming for Older Adults
 SPH-N 220 Nutrition for Health
 SPH-P 309 Public Health Administration
 SPH-R 142 Living Well
 SPH-R 210 Inclusion in Health & Wellness Design
 SPH-S 101 Introduction to Safety
 SPH-S 151 Legal Aspects of Safety

College of Arts and Sciences Options:

AAAD-A 210 Black Women in the Diaspora
 AAAD-A 425 The Black Family in 20th Century Rural America
 AMST-A 202 U.S. Arts and Media
 CJUS-P 100 Introduction to Criminal Justice
 CJUS-P 200 Theories of Crime and Deviance
 CJUS-P 290 The Nature of Inquiry
 CJUS-P 300 Topics in Criminal Justice
 CJUS-P 301 Police in Contemporary Society
 CJUS-P 302 Courts and Criminal Justice
 CJUS-P 303 Corrections and Criminal Justice
 CJUS-P 304 Probation and Parole
 CJUS-P 306 Drugs, Society, and Justice
 CJUS-P 308 Gender and Crime
 CJUS-P 312 Child Maltreatment and the Law
 CJUS-P 314 Law and Social Science
 CJUS-P 320 Foundations of Criminal Investigation
 CJUS-P 340 Law and Society: The Cross-Cultural Perspective
 CJUS-P 360 Psychology and the Law
 CJUS-P 370 Criminal Law
 CJUS-P 371 Criminal Procedure
 CJUS-P 375 American Juvenile Justice System
 CJUS-P 380 Dispute Management
 CJUS-P 381 History of Social Control in the United States
 CJUS-P 411 Criminal Justice Management
 CJUS-P 412 Sex, Drugs, AIDS, and Criminal Law
 CJUS-P 414 Adolescents and the Law
 CJUS-P 419 Race, Class, and Crime
 CJUS-P 420 Violence in the Black Community
 CJUS-P 423 Sexuality and the Law
 CJUS-P 425 Women and the Criminal Justice System
 CJUS-P 457 Seminar on White Collar Crime
 CJUS-P 460 Public Control of Deviant Behavior

CJUS-P 461 Lethality: Homicide and Self-Destruction
 CJUS-P 462 Child Abuse and Neglect
 CJUS-P 493 Seminar in Criminal Justice
 GNDR-G 101 Gender, Culture, and Society
 GNDR-G 102 Sexual Politics
 GNDR-G 206 Gay Histories, Queer Cultures
 GNDR-G 215 Sex and Gender in Cross-Cultural Perspective
 GNDR-G 335 Explaining Sex/Gender Differences
 HIST-H 231 Women, Men, and Family in History
 PSY-P 303 Health Psychology
 PSY-P 304 Social Psychology & Individual Differences
 PSY-P 319 The Psychology of Personality
 PSY-P 323 Industrial/Organizational Psychology
 PSY-P 324 Abnormal Psychology
 PSY-P 325 Psychology of Learning
 PSY-P 327 Psychology of Motivation
 PSY-P 329 Sensation and Perception
 PSY-P 335 Cognitive Psychology
 PSY-P 425 Behavior Disorders of Childhood and Adolescence
 SOC-S 210 The Economy, Organizations, and Work
 SOC-S 215 Social Change
 SOC-S 217 Social Inequality
 SOC-S 230 Society and the Individual
 SOC-S 302 Organizations in Society
 SOC-S 305 Population
 SOC-S 308 Global Society
 SOC-S 312 Education and Society
 SOC-S 313 Religion and Society
 SOC-S 315 Work in the New Economy
 SOC-S 317 Social Stratification
 SOC-S 320 Deviance, Conformity, and Social Control
 SOC-S 321 Sexual Diversity
 SOC-S 324 Sociology of Mental Illness
 SOC-S 326 Law and Society
 SOC-S 329 Women and Deviance
 SOC-S 335 Race and Ethnic Relations
 SOC-S 338 Sociology of Gender
 SOC-S 344 Sociology of Childhood
 SOC-S 358 Social Inequalities in Health
 SOC-S 365 Health and Society
 SOC-S 422 Constructing Sexuality

O'Neill Options:

SPEA-V 161 Urban Problems and Solutions
 SPEA-V 221 Nonprofit and Voluntary Sector
 SPEA-V 263 Public Management
 SPEA-V 362 Nonprofit Management and Leadership
 SPEA-V 366 Managing Behavior in Public Organizations
 SPEA-V 373 Human Resource Management
 SPEA-V 432 Labor Relations in the Public Sector
 SPEA-V 435 Negotiation and Alternative Dispute Resolution
 SPEA-V 436 Introduction to Government Accounting and Financial Reporting
 SPEA-V 450 Contemporary Issues in Public Affairs
 SPEA-V 462 Community Development
 SPEA-V 463 Interpersonal Relations in the Workplace

School of Education Options:

EDUC-E 330 Infant Learning Environments
 EDUC-E 335 Introduction to Early Childhood Education
 EDUC-F 203 Child & Adolescent Mental Health in Applied Settings
 (variable-topic course: only this topic)

EDUC-G 203 Communication for Youth-Serving Professionals
 EDUC-G 204 Asian American Mental Health
 EDUC-G 206 Introduction to Counseling Psychology
 EDUC-G 207 Introduction to Student-Athlete Counseling
 EDUC-G 208 Prevention of Adolescent Risk Behavior
 EDUC-G 302 Counseling with Youth
 EDUC-G 310 Addictions Counseling
 EDUC-G 352 Counseling for Career Issues
 EDUC-G 355 Positive Psychology
 EDUC-G 375 Multicultural Skills
 EDUC-K 205 Introduction to Exceptional Children
 EDUC-K 343 Education of the Socially & Emotionally Disturbed I
 EDUC-P 313 Adolescents in a Learning Community
 EDUC-P 403 Child & Adolescent Trauma in Applied Settings
 EDUC-P 404 Behavioral Management in Youth
 EDUC-P 465 Childhood Socialization

School of Social Work Options:

SWK-S 102 Understanding Diversity in a Pluralistic Society
 SWK-S 141 Introduction to Social Work
 SWK-S 221 Human Growth & Development in the Social Environment
 SWK-S 300 Selected Topics in Social Work
 SWK-S 322 Small Group Theory and Practice
 SWK-S 352 Social Welfare Policy and Practice

Pre-healthcare profession students: please see your SPH-B academic advisor for course substitutions in professional electives.

Acceptable Safety Professional Electives

Professional Electives for Safety Students

The following list of department codes and course numbers are three-credit courses which may count toward the 15 required credits in safety professional electives. 12 of the 15 elective credits must be at the 300/400 level.

A minimum grade of C- is required in each course. The academic advisor may suggest courses which are not on this list.

Note: Choose professional electives from SPH or LSTU below, or decide if you want to minor in SPEA, Business or Psychology

School of Public Health - Bloomington courses

- SPH-H 160 First Aid and Emergency Care (3 cr.) (take SPH-H160 if not certified in first aid)
- SPH-H 174 **+S&H** Prevention of Violence in American Society (3 cr.) (if not taken as a requirement)
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 311
- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 401 Emergency Medical Technician (3 cr.)
- SPH-H 404 Emergency Medical Technician Lab (1 cr.)
- SPH-H 460 Practicum in First Aid Instruction (3 cr.)

- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-R 142 **+S&H** Living Well (3 cr.)
- SPH-R 201 Annual Giving (2 cr.)
- SPH-R 202 Majors Gifts and Planned Giving (2 cr.)
- SPH-R 301 Capital Campaigns (2 cr.)
- SPH-R 302
- SPH-R 401 Advanced Planned Giving: Wills and Estates (2 cr.)
- SPH-S 217 Safety: A Personal Focus (3 cr.)
- SPH-S 255 Threats, Violence, and Workplace Safety (3 cr. (if not taken as a requirement))
- SPH-S 350 Topical Seminar in Safety Education (1-3 cr.)
- SPH-S 352
- SPH-S 354 Hazardous Materials and Waste Control (3 cr.)
- SPH-S 370 Principles and Strategies of Behavioral Safety (3 cr.)
- SPH-S 425
- SPH-S 430 Exploring Safety Culture (3 cr.)
- SPH-S 491 **Readings in Safety Education (1-3 cr.)**
- SPH-S 492 Research in Safety Education (1-3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.)

SPEA Environmental Management Minor (15 credits required for this minor; in order to receive this minor students must complete SPEA-E 272, SPEA-E 311, SPEA-E 363, plus two other courses in this category.)

- SPEA-E 272 Introduction to Environmental Sciences **+S&H**
- SPEA-E 311 Introduction to Risk Assessment and Risk Communication
- SPEA-E 363 Environmental Management
- SPEA-E 400 Topics in Environmental Studies
- SPEA-E 410 Introduction to Environmental Toxicology
- SPEA-E 412 Risk communication
- SPEA-E 431 Water Supply and Wastewater Treatment
- SPEA-E 451 Air Pollution and Control
- SPEA-E 452 Solid and Hazardous Waste Mgt
- SPEA-E 475 Techniques of Environmental Science (P: SPEA-E 272 or SPEA-H 316)
- SPEA-H 316 Environmental Health

SPEA Environmental Science and Health Minor (15 credits required for this minor; in order to receive this minor students must complete SPEA-E 272, SPEA-E 410, and SPEA-H 316, plus two other courses in this category.)

- SPEA-E 272 Introduction to Environmental Sciences **+S&H**
- SPEA-E 375 Techniques of Environmental Science
- SPEA-E 410 Introduction to Environmental Toxicology
- SPEA-E 431 Water Supply and Wastewater Treatment
- SPEA-E 451 Air Pollution and Control
- SPEA-E 452 Solid and Hazardous Waste Management **or** other courses in environmental

science and health approved by a SPEA faculty advisor

- SPEA-H 316 Environmental Health

Business Option Including Business Minor (21 credits required for this minor; in order to receive this minor, students must choose BUS-A 200 and BUS-L 201 plus four other courses in this category. BUS-K 201 required course counts in this minor.)

- BUS-A 200 Foundations of Accounting
- BUS-K 201 The Computer in Business
- BUS-L 201 Legal Environment of Business **+S&H** (P: Soph or honors freshman)
- BUS-F 300 Introduction to Financial Management (P: BUS-A 200 or BUS-A 100/ BUS-A 201-202)
- BUS-G 300 Introduction to Managerial Economics and Strategies
- BUS-M 300 Introduction to Marketing (P or C: BUS-A 200 or BUS-A 100/ BUS-A 201-202)
- BUS-P 300 Introduction to Operations Management (P: BUS-K 201, BUS-A 200)
- BUS-Z 302 Managing and Behavior in Organizations or J306 Strategic Management and Leadership

Labor Studies:

Students may include any LSTU courses as professional electives. LSTU-L 101 **+S&H**, LSTU-L 110 **+S&H**, and LSTU-L 230 **+S&H**

Psychology Minor

PSY-P 323, PSY-P 303, P324 (If 2 of these courses are taken, a safety student qualifies for a psychology minor because PSY-P 101, PSY-P 102 and PSY-K 300 may be taken as requirements for this major.)

Bachelor of Science in Applied Health Science (B.S.A.H.S.), Dietetics Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Bachelor of Science in Applied Health Science, Dietetics, degree is an ACEND-accredited four-year undergraduate program that prepares students for careers as Registered Dietitian Nutritionists (RDNs). A dietetics education is a broad, useful course of study aimed at promoting the health of individuals and communities. The curriculum involves nutrition science (including chemistry, biochemistry, physiology, and food science), medical nutrition therapy, food preparation, menu planning, communication, information technology, and management. Students who earn a B.S. in AHS, Dietetics, are eligible to apply to graduate school in the journey to become RDNs. During the junior year, dietetics majors may choose to pursue the Accelerated Master's Pathway in Dietetics to earn both BS and MS degrees from IU in five years instead of the usual six years.

A **Registered Dietitian Nutritionist (RDN)** is the credentialed professional in the field of dietetics. There are multiple steps to becoming an RDN:

1. Obtain the minimum of a master's degree.

2. Fulfill dietetics educational requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). These requirements can be completed at the undergraduate or graduate level of study.
3. Complete a supervised practice experience through an ACEND-accredited institution.
4. Take and pass the national RD exam.

Note: While degrees earned may be in any field of study, dietetics coursework and supervised practice must be completed through an ACEND-accredited institution.

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Applied Health Science degree with a major in Dietetics. Admission to the Dietetics major requires a 3.0 Indiana University campus GPA and C or higher in both CHEM-C 117 and CHEM-C 127.

Graduation requirements include:

- completion of general education requirements;
- completion of dietetics major requirements;
- a minimum of 120 successfully completed credit hours which count toward the degree program;
- a minimum 2.0 cumulative GPA;
- a minimum 2.0 cumulative GPA in courses used to complete the portions of this degree entitled: Dietetics Core and Additional Major Courses;
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (94 cr.)

Dietetics Core (53 cr.)

A minimum grade of C– is required in each professional core course.

Complete each of the following courses:

- SPH-N 120 Introduction to Foods (3 cr.) (P: Dietetics or NS major)
- SPH-N 231 Human Nutrition (3 cr.) **+N&M** (R: CHEM-C 101 or equivalent and a course in Biology)
- SPH-N 301 Methods of Nutritional Assessment (3 cr.) (P: SPH-N 231)
- SPH-N 320 Food Chemistry (3 cr.) (P: SPH-N 120, CHEM-C 117, R: CHEM-R 340/C 341)
- SPH-N 321 Quantity Food Purchasing and Production (4 cr.) (P: SPH-N 120, Dietetics major, Senior Standing or permission of instructor)
- SPH-N 322 Management Systems in Dietetics (3 cr.) (P: SPH-N 321, Dietetics major)
- SPH-N 325 Food Chemistry Laboratory (3 cr.) (R or C: SPH-N 320)
- SPH-N 331 Life Cycle Nutrition (3 cr.) (R: SPH-N 220 or N 231)
- SPH-N 336 Public Health Nutrition (3 cr.) (P: SPH-N 231)
- SPH-N 401 Issues in Dietetics (1 cr.) (P: Dietetics major)
- SPH-N 416 Nutrition Counseling and Education (3 cr.) (P: Dietetics major, SPH-N 431)

- SPH-N 430 Advanced Nutrition I (3 cr.) (P: SPH-N 231, CHEM-C 341/R 340)
- SPH-N 431 Medical Nutrition Therapy (3 cr.) (P: SPH-N 231, ANAT-A 225, PHSL-P 225, P or C: CLAS-C 209)
- SPH-N 432 Advanced Nutrition II (3 cr.) (P: SPH-N 430)
- SPH-N 433 Medical Nutrition Therapy Application (3 cr.) (P: Dietetics major, P or C: SPH-N 431)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-N 480 Mech of Nutrient Action (3 cr.)

Additional Major Courses (41 cr.)

A minimum grade of C- is required in each major course, except CHEM-C 117 and CHEM-C 127, which each require a minimum grade of C for admission to the dietetics program.

Complete each of the following courses:

- ANAT-A 225 Human Anatomy (5 cr.) **+N&M**
- BIOL-M 200 Microorganisms in Nature and Disease (3 cr.) (P: MSCI-M 115 -or- PHSL- P 225 -or- a college course in biology or chemistry)
- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) (minimum grade of C required) **+N&M**
- CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.) (minimum grade of C required) **+N&M**
- CHEM-R 340 Survey of Organic Chemistry (3 cr.) **or** CHEM-C 341 Organic Chemistry Lecture I (3 cr.)
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)
- COLL-P 155 Public Oral Communication (3 cr.)
- SPH-H 360 Writing in Public Health (3 cr.) **or** ENG-W 231 Professional Writing Skills (3 cr.)
- PHSL-P 225 Human Physiology (5 cr.) **+N&M**
- PSY-P 101 Introductory Psychology 1 (3 cr.) **+N&M**
- PSY-P 325 Psychology of Learning (3 cr.) **or** PSY-P 335 Cognitive Psychology (3 cr.) **or** EDUC-P 254 Educational Psychology for Teachers - All Grades (3 cr.)
- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) **or** MATH/PSY-K 300 Statistical Techniques (3 cr.)

Suggested Electives

- SPH-N 305 Sports Nutrition (R: SPH-N231 or N220)
- BIOL-L 112 Biological Mechanisms **N&M** (May not sub L100, L104, E112, Q201)
- BIOL-L 211 Molecular Biology (P: BIOL-L112)
- BIOL-L 311 Genetics (P: BIOL-L211)
- BIOL-L 331 Introduction to Human Genetics
- CHEM-C 342 / J 342 Organic Chemistry II Lectures (P: C341)
- CHEM-C 483 Biological Chemistry (P: 18 hrs. Chem, incl. C342)
- PHSL-P 421 Principles of Human Physiology
- SPEA-E 272 Introduction to Environmental Sciences **N&M**

- SPEA-H 316 Environmental Health
- SPH-K 409 Basic Physiology of Exercise (P: PHSL-P215)

+ Courses with an N&M notation apply toward both major requirements and the natural and mathematical sciences general education requirement. These count in both places.

Suggested Dietetics Courses for the First-Year Student

Fall Semester

ENG-W 131 Elementary Composition 1 (3 cr.)
 PSY-P 101 Introductory Psychology (3 cr.)
 Arts and Humanities Elective /World Languages and Cultures Elective (3 cr.)
 CHEM-C 117 (3 cr.) and CHEM-C 127 (2 cr.) **or** CHEM-C 103 (5 cr.) **or** MATH-M 118 or M 119 (3 cr.)
 SPH-N 120 Introduction to Foods (3 cr.)

Spring Semester

CHEM-C 117 (3 cr.) and CHEM-C 127 (2 cr.)
 CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)
 PSY-P 102 Introductory Psychology 2 (3 cr.)
 SPH-B 150 Introduction to Public Health (3 cr.)
 Arts and Humanities Elective /World Languages and Cultures Elective (3 cr.)

Special Opportunities

Accelerated Pathway in Dietetics: The Accelerated Master's Pathway combines the ACEND-accredited four-year undergraduate Bachelor of Science in Applied Health Science, Dietetics, degree with a two-year Master of Science in Applied Health Science, Nutrition & Dietetics, degree. The result is a pathway that enables students to complete a B.S. and an M.S. degree in five years instead of the usual six years. Dietetics majors should have at least a 3.2 GPA as of the spring of their junior year to apply.

Experiential and Service Learning: Courses cover the wide range of dietetics topics to forge a curriculum that enables the students to fulfill knowledge requirements established by ACEND. Experiential and service-learning activities include food and food chemistry labs; nutrition counseling case studies and role play; planning and preparing special event meals; designing a research project; and running a cooking class for at-risk youth.

Faculty and Facilities: The diverse nutrition faculty provide a wide range of expertise in teaching and research. The program's location in the School of Public Health-Bloomington allows students and faculty to focus beyond nutrition to the areas of fitness, health, epidemiology, and environmental health. Facilities include teaching and research labs, technology-rich classrooms, recreational facilities, and outdoor spaces on a beautiful campus. Consistent volunteer and work opportunities exist on campus with IU Athletics and IU Dining and at off-campus sites such as the local Boys and Girls Clubs, the Bloomington Community Orchard, Hoosier Hills Food Bank, and the Campus Farm.

Interprofessional Education: The program is an active participant in Interprofessional Education (IPE) developed and implemented by the Indiana University Center for

Interprofessional Practice and Education. IPE events are incorporated into multiple core dietetics courses.

Student Leadership: The Student Academy of Nutrition and Dietetics at IU (SANDIU) provides opportunities for student leadership and encourages seniors to mentor sophomores and juniors. SANDIU provides numerous opportunities for community nutrition outreach.

Outcomes: The SPH-B Dietetics program has strong outcomes, with a 93% placement rate of alums into supervised practice programs and >95% one-year passage rate on the national RD exam since the year 2000.

Careers

RDNs may work in clinical settings such as hospitals, long term care facilities, nutrition clinics, or private practice; serve on a health care team; or work one-on-one with people in the treatment and prevention of disease. Community-based RDNs counsel individuals and groups on nutritional practices designed to prevent disease and promote health. Management RDNs often oversee large-scale meal planning and preparation in health care facilities, schools, universities, restaurant chains, or private industry. A growing number of RDNs work in business, journalism, marketing, sports nutrition, and corporate wellness programs. Dietitians who enjoy research may prefer the food industry, where they can research and develop food products, services, or educational programs; or in major medical centers where clinical research is conducted. With advanced degrees, dietitians may pursue careers in dietetics education.

Bachelor of Science in Applied Health Science (B.S.A.H.S.), Human Development and Family Studies Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Human Development and Family Studies investigates human behavior from two perspectives: how we develop over the life span from conception through aging, and how we function within the context of the family and other environmental influences. This multidisciplinary major prepares students for careers in the growing field of human and social services.

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Applied Health Science with a major in Human Development and Family Studies. Graduation requirements include:

- completion of general education requirements.
- completion of Human Development and Family Studies major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portion of this degree entitled: Human Development and Family Studies Major Courses.

- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (72 cr.)

Human Development and Family Studies Major Courses (48 cr.)

A minimum grade of C- is required in each professional core course.

Complete the following courses:

- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-F 150 Introduction to Life Span Development (3 cr.) **+S&H**
- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-F 258 The Ties That Bind: Relationships, Marriage, and the Family (3 cr.) **+S&H**
- SPH-F 341 Today's Families: Understanding Change in Family Dynamics (3 cr.) **-or-** SPH-F 457 Protective Factors, Resilience, and Stress in the Family (P: SPH-F 150) (3 cr.)
- SPH-F 345 Parents, Parenting, and Children (3 cr.)
- SPH-F 346 The Prenatal Period Through Early Childhood - Human Development I (P: SPH-F 150) (3 cr.)
- SPH-F 347 Middle Childhood Through Adolescence - Human Development II (P: SPH-F 150) (3 cr.)
- SPH-F 348 Early Through Late Adulthood - Human Development III (P: SPH-F 150) (3 cr.)
- SPH-F 417 African American and Latino Families (P: SPH-F 150) (3 cr.)
- SPH-F 430 Professional Preparation in Human Development and Family Studies (P: Human Development and Family Studies or Youth Development major) (3 cr.)
- SPH-F 453 Family Life Education (P: SPH-F 150, SPH-F 258, Human Development and Family Studies or Youth Development major) (3 cr.)
- SPH-F 458 Family Law and Policy (P: Human Development and Family Studies or Youth Development major) (3 cr.)
- SPH-F 497 Internship in Human Development and Family Studies (P: SPH-F 430 and 18 additional credits of SPH-F coursework, Human Development and Family Studies or Youth Development major) (6 cr.)
- SPH-H 494 Research and Evaluation Methods in Public Health (3 cr.)

Additional Required Courses (12 cr.)

A minimum grade of C- is required in each additional major course.

Complete the following courses:

- SPH-B 250 Public Health Communication (3 cr.) **-or-** ANTH-A 122 Interpersonal Communication (3 cr.) **+S&H**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) **-or-** equivalent statistics course
- SOC-S 100 Introduction to Sociology (3 cr.) **+S&H -or-** SOC-S 101 Social Problems and Policies (3 cr.) **+S&H**

- SOC-S 316 Sociology of Families (3 cr.)

Professional Electives (12 cr.) Complete 12 credits from the list of acceptable Human Development and Family Studies professional electives. A minimum of 9 of the 12 selected credits must be at the 300/400 level. A minimum grade of C- is required in each professional elective course. In addition to the choices on the list of acceptable professional electives, the academic advisor may suggest other courses. Please consult with an academic advisor when choosing these electives.

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education Social & Historical Studies requirement.

Suggested Human Development and Family Studies Courses for the First-Year Student

Fall Semester ENG-W 131 Elementary Composition 1 (3 cr.) or equivalent

IUB GenEd Arts and Humanities (3 cr.)

SPH-F 150 Introduction to Life-Span Development (3 cr.)

SOC-S 100 Introduction to Sociology (3 cr.)

Free Elective (3 cr.) *Spring Semester* IUB GenEd Math Modeling (3 cr.)

SPH-B 150 Introduction to Public Health (3 cr.)

SPH-F 255 Human Sexuality (3 cr.)

SPH-F 258 The Ties That Bind: Relationships, Marriage, and the Family (3 cr.)

Free Elective (3 cr.)

Special Opportunities

Students participate in required internships with faculty supervision and have other special opportunities, including a career class, individual research with faculty members, and involvement in service and professional organizations.

Careers

Graduates with this degree are equipped to work in community services for children and families, as well as services specifically focused on maternal and paternal needs. Many graduates go on to work with governmental, mental health, and foster care agencies. Increasing numbers of graduates have been placed in careers of service to those with special needs. Graduates can be employed in hospitals, schools, group homes, and nonprofit organizations. They can also work in human resources, customer service, and consumer relations for businesses. In addition, they have an excellent foundation for graduate and professional school where they can prepare to become social workers, counselors, public health professionals, occupational or physical therapists, nurses, and doctors.

Bachelor of Science in Applied Health Science (B.S.A.H.S.), Nutrition Science Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Nutrition science prepares students to understand nutrition and its role in the prevention and treatment of disease and use this knowledge in academia, industry, and health care as well as in government and non-

governmental organizations. Nutrition Science is an excellent foundation for other professional degrees. The curriculum requirements are suitable for admission to medicine, dentistry, optometry, and physician assistant programs. The program integrates chemistry, advanced biology, biochemistry, physiology courses; with laboratory components to promote detailed understanding of the role of nutrients in metabolism.

Degree Requirements

- completion of general education requirements.
- completion of nutrition science major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portions of this degree entitled: Nutrition Science Core, Specialization Courses, Life Sciences Courses, and Communication Course.
- No Pass/Fail except for free electives.

General Education (24–29 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (79–80 cr.)

Admission Requirement (5 cr.)

A minimum grade of C is required in each course. Complete each of the following courses:

- CHEM-C 117 (3 cr.) Principles of Chemistry and Biochemistry I
- CHEM-C 127 (2 cr.) Principles of Chemistry and Biochemistry I Laboratory

Nutrition Science Core (77-78 cr.)

A minimum grade of C- is required in each nutrition core course.

Complete each of the following courses:

- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-N 120 Introduction to Foods (3 cr.) (P: Dietetics or NS major)
- SPH-N 231 Human Nutrition (3 cr.) **(+N&M, R:CHEM-C 101 or equivalent and a course in biology)**
- SPH-N 301 Methods of Nutritional Assessment (3 cr.)
- SPH-N 320 Food Chemistry (3 cr.) (P: CHEM-C 117, R: SPH-N 320)
- SPH-N 325 Food Chemistry Laboratory (3 cr.) (R or C: SPH-N 320)
- SPH-N 430 Advanced Nutrition I (3 cr.) (P: SPH-N 231 -AND- CHEM-C 341 or CHEM-R 340)
- SPH-N 431 Medical Nutrition Therapy (3 cr.) (P: ANAT-A 215 -AND- PHSL-P 215)
- SPH-N 432 Advanced Nutrition II (3 cr.) (P: SPH-N 430)
- SPH-N 492 Research in Nutrition/Dietetics (3 cr.) **or** SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- BIOL-L 112 Introduction to Biology: Biological Mechanisms (4 cr.) **+N&M**
- BIOL-L 113 Biology Laboratory (3 cr.)

- BIOL-L 211 Molecular Biology (3 cr.) (P: BIOL-L 112 and CHEM-C 117)
- BIOL-M 250 Microbiology (3 cr.) **or** BIOL-M 200 Microorganism in Nature and Disease (3 cr.)
- CHEM-C 118 (5cr) PRINCIPLES OF CHEMISTRY AND BIOCHEMISTRY II **OR** CHEM-N 331 INTERMEDIATE INORGANIC CHEMISTRY (3cr) + CHEM-C 337 (2cr) INTERMEDIATE INORGANIC CHEMISTRY LABORATORY
- CHEM-C 341/ J 341 Organic Chemistry Lectures 1 (3 cr.) (P: CHEM-C 117)
- CHEM-C 342/ J 342 Organic Chemistry Lectures 2 (3 cr.) (P: CHEM-C 341 with C- or better)
- CHEM-C 343/ J 343 Organic Chemistry Laboratory 1 (2 cr.) (P: CHEM-C 127 with C- or better and CHEM-C 341/J 341; R: CHEM-C 342/ J 342)
- CHEM-C 383 Human Biochemistry (3 cr.)
- ANAT-A 215 Basic Human Anatomy (5 cr.) **+N&M**
- PHSL-P 215 Basic Human Physiology (5 cr.) **+N&M**
- MATH-M 211 Calculus I (4 cr.) **+N&M or** MATH-M 119 Brief Survey of Calculus I (3 cr.) **+N&M**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) **or** STAT-S 303 Applied Statistical Methods for the Life Sciences (3 cr.) **or** MATH-K/PSY-K/SPEA-K 300 Statistical Techniques (3 cr.) **or** MATH-K/PSY-K 310 Statistical Techniques (3 cr.) (3 cr.) **or** STAT-S 300 Introduction to Applied Statistical Methods (3 cr.)
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)

Major Electives (10–11 cr.)

A minimum grade of C– is required.

Complete (10-11 cr.) from the following courselist

- SPH-N 305 Applied Sports Nutrition (3 cr.)
- SPH-N 331 Life Cycle Nutrition (3 cr.)
- SPH-N-336 Public Health Nutrition (3 cr.)
- SPH-N 416 Nutritional Counseling and Education (3 cr.)
- SPH-N 441 Readings in Nutrition and Dietetics (1-3 cr.)
- SPH-N 480 Mechanisms of Nutrient Action in the Body (3 cr.)
- SPH-N 491 Readings in Nutrition (1-3 cr.)
- SPH-N 492 Research in Nutrition (1-3 cr.)
- SPH-N 496 Field Experience in Nutrition (1-3 cr.)

Suggested Electives (7-9 cr.)

A minimum grade of C– is required.

Complete (7-9 cr.) from the following courselist:

- ANTH-A 122 Interpersonal Communication (3 cr.)
- BIOL-M 315 Microbiology Laboratory (2 cr.)
- BIOL-L 321 Principles of Immunology (3 cr.)
- BIOL-L 311 Genetics (3 cr.) and BIOL-L 319 Genetics Laboratory (3 cr.)
- BIOL-L 312 Cell Biology (3 cr.) and BIOL-L 313 Cell Biology Laboratory (3 cr.)
- BIOL-L321 Principles of Immunology (3 cr.)
- BIOL-M 380 Microbiology of Infectious Disease (3 cr.)
- BIOL-M 315 Microbiology Laboratory (2 cr.)
- BIOT-T 440 Structure, Function, Regulation of Biomolecules (3 cr.)
- CHEM-C 483 Biological Chemistry (3 cr.)

- COLL-P 155 Public Oral Communication (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)
- PHIL-P 140 Introduction to Ethics (3 cr.) **+A&H**
- PHYS-P 201 General Physics I (5 cr.)
- PHYS-P 202 General Physics II (5 cr.) **+N&M or** PHYS-P 222 Physics II (5 cr.)
- PHYS-P 221 Physics I (5 cr.)
- PSY-P 101 Introductory Psychology 1 (3 cr.)
- PSY-P 102 Introductory Psychology 2 (3 cr.) **+S&H**
- SOC-S 100 Introduction to Sociology (3 cr.) **+S&H**
- SPH-B 310 Health Care in Diverse Communities (3 cr.)
- SPH-H 263 Personal Health (3 cr.) **+S&H**
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH- K 409 Basic Physiology of Exercise (3 cr.)
- SPH-V 442 Introduction to Toxicology (3 cr.)

+ Courses followed by an A&H notation apply to both the major requirements and to the general education, arts and humanities requirement.

+ Courses followed by an N&M notation apply to both the major requirements and to the general education, natural and mathematical sciences requirement.

+ Courses followed by an S&H notation apply to both the major requirements and to the general education, social and historical studies requirement.

Suggested Nutrition Science Courses for the First-Year Student

Fall Semester

CHEM-C 117/127 or 103 (5 cr.) or MATH-M 211 (3 cr.) or MATH-M 119 (3 cr.)

ENG-W 131 Elementary Composition 1 (3 cr.) or equivalent

SPH-N 120 Introduction to Foods (3 cr.)

Arts and Humanities /World Languages and Cultures Elective (3 cr.)

Free Elective (3 cr.)

Spring Semester

BIOL-L 112 Introduction to Biology: Biological Mechanisms (4 cr.)

CHEM-C 117/127 or 103 (5 cr.) or MATH-M 211 (3 cr.) or MATH-M 119 (3 cr.)

COLL-P 155 Public Oral Communication (3 cr.) or ANTH-A 122 Interpersonal Communication (3 cr.)

SPH-B 150 Introduction to Public Health (3 cr.)

Free Elective (3 cr.)

Special Opportunities

Special opportunities include individualized research with faculty members, laboratory experiences, and volunteer opportunities in nutrition education.

Careers

The study of nutrition science lays a solid foundation for future academic faculty, research scientists, doctors, dentists, physicians' assistants, and other health professionals. Graduates are well prepared to pursue research-intensive advanced degrees in nutrition, food science or health-related fields. Graduates can work in

any number of environments, including agencies that focus on nutrition, research and clinical laboratories, clinical sales, the food and nutrition industry, trade associations and commodity groups, health professional organizations and societies, communication and consulting firms, and contract research organizations.

Bachelor of Science in Applied Health Science (B.S.A.H.S.), Safety Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The safety of communities, workplaces, and schools is a high priority in today's society. The undergraduate major in Safety prepares graduates for employment in the industrial, business, public, and non-profit sectors. Students gain skills in safety education and training, safety management, and risk assessment. Courses range from those addressing safety, environmental, and health protection regulations to those focusing on safety behavior and emergency management. The IU Industrial Hygiene and Safety Laboratory provides special learning opportunities for students. The Laboratory enables student research using a variety of equipment designed to provide data on industrial contaminants that may be harmful to workers. Students work to support the laboratory's mission to contribute to a safer and healthier workplace and community through applied research, teaching, and service. The Safety undergraduate degree programs on both the Indiana University Bloomington and Indiana University Southeast campuses are approved Qualified Academic Programs by the Board of Certified Safety Professionals (BCSP). This designation confers on our graduates the certification of Graduate Safety Professionals (GSP).

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Applied Health Science with a major in Safety. Graduation requirements include:

- completion of general education requirements.
- completion of safety program requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portion of this degree entitled: safety and health courses.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (91 cr.)

Safety and Health Courses (48 cr.)

A minimum grade of C– is required in each professional core course.

Complete each of the following courses:

- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+S&H** or SPH-S 255 Threats, Violence, and Workplace Safety (3 cr.)
- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 201 Introduction to Industrial Hygiene (3 cr.)
- SPH-S 210 General Industry Standards (3 cr.)
- SPH-S 214 OSHA Construction Standards (3 cr.)
- SPH-S 231 Safety Engineering and Technology (3 cr.)
- SPH-S 251 Incident Investigation and Analysis (3 cr.)
- SPH-S 332 Ergonomics and Human Factors (3 cr.)
- SPH-S 336 Emergency Management (3 cr.) **or** SPH-S 352 Safety System Analysis (3 cr.)
- SPH-S 345 Safety Program Management (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene (3 cr.)
- SPH-S 411 Industrial Hygiene Sampling and Analysis (3 cr.)
- SPH-S 415 Safety Education and Training (3 cr.)
- SPH-S 496 Field Experience in Occupational Safety (6 cr.)

Additional Required Courses (28 cr.)

Complete one of the following 10 credit chemistry sequences:

Preferred:

- CHEM-C 103 Introduction to Chemical Principles (5 cr.) **+N&M**
- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) **+N&M**
- CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.) **+N&M**

Also acceptable:

- CHEM-C 101 Elementary Chemistry I (3 cr.) **+N&M**
- CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.) **+N&M**
- CHEM-C 102 Elementary Chemistry II (3 cr.) **+N&M**
- CHEM-C 122 Elementary Chemistry Laboratory II (2 cr.) **+N&M**

Complete each of the following:

- ENG-W 231 Professional Writing Skills (3 cr.) **or** BUS-X 204 Business Communications (3 cr.)
- PSY-P 101 Introductory Psychology I (3 cr.) **+N&M**
- PSY-P 102 Introductory Psychology II (P: P 101 or P 151) (3 cr.) **+S&H** **or** SOC-S 100 Introduction to Sociology (3 cr.) **+S&H**
- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-K 205 Structural Kinesiology (3 cr.) **or** ANAT-A 215 Basic Human Anatomy (5 cr.) **+N&M**
- SPH-Q 381 (Formerly: SPH-H 381) Introduction to Biostatistics (3 cr.) **or** MATH-K 300 or PSY-K 300 Statistical Techniques (3 cr.)

Professional Electives (15 cr.)

- Complete 15 credits from the list of safety professional electives. At least 12 of the 15 selected credits must be at the 300 or 400 level. A minimum

grade of C- is required in each professional elective course.

- First aid certification is a requirement for safety professionals. If you are not certified in first aid through an agency outside IU, you must include [SPH-H 160 First Aid and Emergency Care](#) in your professional electives.
- You may structure your professional electives to earn a minor in Environmental Management (O'Neill), Business (Kelley), or Psychology (College).

Professional Elective Options (Others OK w/Advisor Approval)

- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-H 160 First Aid and Emergency Care (3 cr.)
 - Students who are not certified in first aid should take this course.
- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+S&H**
 - If not taken to fulfill a requirement in the [Safety and Health Courses](#) section
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 401 Emergency Medical Technician (3 cr.) (P: SPH-H 160) (C: SPH-H 404)
- SPH-H 404 Emergency Medical Technician Lab (1 cr.) (C: SPH-H 401)
- SPH-H 460 Practicum in First Aid Instruction (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Public Health (3 cr.)
- SPH-R 142 Living Well (3 cr.) **+S&H**
- SPH-R 201 Annual Giving (2 cr.)
- SPH-R 202 Major Gifts and Planned Giving (2 cr.)
- SPH-R 301 Capital Campaigns (2 cr.)
- SPH-R 401 Advanced Planned Giving: Wills and Estates (2 cr.)
- SPH-S 217 Safety: A Personal Focus (3 cr.)
- SPH-S 302 Introduction to Homeland Security (3 cr.) (P: 9 credits of SPH-S courses)
- SPH-S 255 Threats, Violence, and Workplace Safety (3 cr.)
 - If not taken to fulfill a requirement in the [Safety and Health Courses](#) section
- SPH-S 350 Topical Seminar in Safety Education (1-3 cr.)
- SPH-S 354 Hazardous Materials and Waste Control (3 cr.)
- SPH-S 370 Principles and Strategies of Behavioral Safety (3 cr.)
- SPH-S 430 Exploring Safety Culture (3 cr.)
- SPH-S 491 Readings in Safety Education (1-3 cr.)
- SPH-S 492 Research in Safety Education (1-3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.)

Labor Studies:

Students may include any Labor Studies (LSTU) courses as professional electives.

Psychology:

If two of these courses are taken, the student qualifies for a psychology minor. (PSY-P 101, PSY-P 102, and PSY-K 300)

- PSY-P 323 Industrial/Organizational Psychology (3 cr.) (P: PSY-P 155, or PSY-P 101 and PSY-P 102)
- PSY-P 303 Health Psychology (3 cr.) (P: PSY-P 155, or PSY-P 101 and PSY-P 102)
- PSY-P 324 Abnormal Psychology (3 cr.) (P: PSY-P 155, or PSY-P 101 and PSY-P 102)

Business:

Including Business Minor (21 credits required for this minor) Students must choose BUS-A 200, BUS-K 201, and

BUS-L 201, plus four other courses in this category.

- BUS-A 200 Foundations of Accounting For Non-Business Majors (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)
- BUS-L 201 Legal Environment of Business **+S&H** (3 cr.)
 - (P: Must have completed at least two semesters on a college campus)
- BUS-F 300 Introductory Financial Management (3 cr.)
 - (P: BUS-A 200 or (BUS-A 201 or A 205) or (BUS-A 202 or A 207)
- BUS-G 300 Introduction to Managerial Economics and Strategy (3 cr.)
- BUS-M 300 Introduction to Marketing (P: Must not be a student in the Kelley School of Business)
- BUS-P 300 Introduction to Operations Management (3 cr.)
 - (P: BUS-K 201 or BUS-K 204 with a grade of C or higher and must not be a Kelley School of Business student)
- BUS-Z 302 Managing and Behavior in Organizations OR J306 Strategic Management and Leadership (3 cr.)

SPEA Environmental Management Minor:

(15 credits required for this minor; required courses include: SPEA-E 272, SPEA-E 311, SPEA-E 363, plus two other courses in this category.)

- 3 SPEA-E 272 Introduction to Environmental Sciences S&H3
- SPEA-E 311 Introduction to Risk Assessment and Risk Communication
- 3 SPEA-E 363 Environmental Management
- 3 SPEA-E 400 Topics in Environmental Studies
- 3 SPEA-E 410 Introduction to Environmental Toxicology
- 3 SPEA-E 412 Risk communication
- 3 SPEA-E431 Water Supply and Wastewater Treatment
- 3 SPEA-E451 Air Pollution and Control
- 3 SPEA-E 452 Solid and Hazardous Waste Mgt

- 3 SPEA-E 475 Techniques of Environmental Science (P: SPEA-E 272 or SPEA-H 316)
- 3 SPEA-H316 Environmental Health

SPEA Environmental Science and Health Minor:

(15 credits required for minor; required courses include: SPEA-E 272, SPEA-E 410, and SPEA-H 316, plus two other courses in this category.)

- 3 SPEA-E 272 Introduction to Environmental Sciences
- 3 SPEA-E 375 Techniques of Environmental Science
- 3 SPEA-E 410 Introduction to Environmental Toxicology
- 3 SPEA-E 431 Water Supply and Wastewater Treatment
- 3 SPEA-E 451 Air Pollution and Control
- 3 SPEA-E 452 Solid and Hazardous Waste Management
- or other courses in environmental science and health approved by a SPEA faculty advisor.
- 3 SPEA-H 316 Environmental Health

+ Courses followed by an N&M notation apply toward completion of both the major requirement and the general education, natural and mathematic sciences requirement.

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education, social and historical studies requirement.

Suggested Courses for the First-Year Safety Student

Fall Semester ENG-W 131 Elementary Composition 1 (3 cr.) or equivalent

PSY-P 101 Introduction to Psychology I (3 cr.)

SPH-S 101 Introduction to Safety (3 cr.)

Arts and Humanities Elective (3 cr.)

Free Elective (3 cr.)

Spring Semester MATH-M 118 Finite Mathematics (3 cr.)

PSY-P 102 Introduction to Psychology II (3 cr.)

SPH-H 174 Prevention of Violence in American Society (3 cr.)

SPH-S 151 Legal Aspects of Safety (3 cr.)

World Languages and Cultures Elective (3 cr.)

Special Opportunities

Students have the opportunity to participate in professional safety and health protection organizations including student chapters of Eta Sigma Gamma and the American Society of Safety Professionals. Safety management or emergency management public or private sector internships may be pursued by students as part of their educational experience.

Our graduates, protect people and communities from injuries, illness, or unexpected death arising from hazardous conditions, materials, and practices. Careers vary widely in manufacturing, construction, insurance, aviation, and healthcare industries, and include safety specialists, managers, directors, and consultants. Fields closely associated with safety management include industrial hygiene, ergonomics, fire protection, security, environmental science, and engineering. The

demand for safety professionals remains strong, and new opportunities in healthcare and community public health continue to expand.

Careers

Our graduates, protect people and communities from injuries, illness, or unexpected death arising from hazardous conditions, materials, and practices. Careers vary widely in manufacturing, construction, insurance, aviation, and healthcare industries, and include safety specialists, managers, directors, and consultants. Fields closely associated with safety management include industrial hygiene, ergonomics, fire protection, security, environmental science, and engineering. The demand for safety professionals remains strong, and new opportunities in healthcare and community public health continue to expand.

Bachelor of Science in Applied Health Science (B.S.A.H.S.), Youth Development Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Youth Development major prepares students for the professional delivery of services which focus on the infant, child, and adolescent across all ability levels and within both family and community contexts. Required courses build a strong foundation to serve youth through integration of key professional topics including: professionalism, cultural and human diversity, applied human development, relationships and communication, and program development.

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Applied Health Science degree with a major in Youth Development. Graduation requirements include:

- completion of general education requirements.
- completion of youth development major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portion of this degree entitled: Youth Development core.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (76 cr.)

Youth Development Core (49 cr.)

A minimum grade of C– is required in each professional core course.

Complete the following courses:

- SPH-B 150 Introduction to Public Health (3 cr.)
+S&H

- SPH-F 150 Introduction to Life Span Development (3 cr.) **+S&H**
- SPH-F 180 Introduction to Child and Youth Work (3 cr.)
- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-F 330 Leadership Theory and Practice in Youth Development (3 cr.)
- SPH-F 345 More than Just A Relationship: Parents, Parenting, and Children (3 cr.)
- SPH-F 347 Middle Childhood Through Adolescence - Human Development II (3 cr.)
- SPH-F 410 The Science of Positive Youth Development (3 cr.) P: SPH-F150
- SPH-F 417 African American and Latino Families (3 cr.)
- SPH-F 430 Professional Preparation in Human Development and Family Studies (3 cr.)
- SPH-F 458 Family Law and Policy (3 cr.)
- SPH-F 497 Internship in Human Development and Family Studies (6 cr.) P: SPH-F430 and 18 additional credits of SPH-F coursework for HDFD and YD majors.
- SPH-H 160 First Aid and Emergency Care (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-L 102 Participant Leadership Development (1 cr.)
- SPH-N 220 Nutrition for Health (3 cr.)

Additional Required Courses (27 cr.)

A minimum grade of C- is required in each additional major course.

Complete the following courses:

- Computer Literacy: SPH-K 200 Microcomputer Applications in Kinesiology (3 cr.) or BUS-K 201 The Computer in Business (3 cr.) or CSCI-A 110 Introduction to Computers and Computing (3 cr.) **+N&M**
- CJUS-P 375 American Juvenile Justice System (3 cr.) or CJUS-P 414 Adolescents and the Law (3 cr.)
- SOC-S 100 Introduction to Sociology (3 cr.) **+S&H** or SOC-S 101 Social Problems and Policies (3 cr.) **+S&H**
- SOC-S 316 Sociology of Families (3 cr.)
- SPH-H 263 Personal Health (3 cr.) **+S&H**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) or equivalent statistics course
- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.)
- SPH-R 230 Recreational Sports Programming (3 cr.)
- SPH-R 431 Youth Sport Management (3 cr.)

+ Courses followed by the N&M notation may apply to both the major requirements and the general education, natural and mathematical sciences requirement.

+ Courses followed by the S&H notation may apply to both the major requirements and the general education, social and historical studies requirement.

Suggested Youth Development Courses for the First-Year Student

Fall Semester IUB GenEd English Composition (3 cr.)
SPH-F 180 Introduction to Child and Youth Work (3 cr.)

SPH-H 263 Personal Health (3 cr.)
IUB GenEd Arts and Humanities (3 cr.)
Free Elective (3 cr.) *Spring Semester* IUB GenEd Math Modeling (3-4 cr.)
SPH-B 150 Introduction to Public Health (3 cr.)
SPH-F 150 Intro to Life Span Development (3 cr.)
SPH-L 102 Participant Leadership Development (1 cr.)
SPH-F 255 Human Sexuality (3 cr.)
Free Elective (3 cr.)

Special Opportunities

Students participate in required internships with faculty supervision and are encouraged to engage in a variety of youth-serving settings.

Students also have access to a career class, the SPH-B Office of Career Services, leadership development student organizations, clubs, individual research with faculty members, and involvement in service and professional organizations.

Careers

Graduates are equipped to work in a wide variety of youth-serving agencies including: hospitals, schools, group homes, non-profit organizations, juvenile justice systems, public health agencies, and community youth services, and afterschool programs. The Youth Development degree was designed to complement efforts to provide high-quality professionals who are prepared to maintain credentials at both state and national level. The youth development curriculum also provides a strong base of theoretical and practical knowledge which serves students who may pursue advanced degrees in public health, criminal justice, social work, physical therapy, and medicine.

Bachelor of Science in Kinesiology (B.S.K.), Exercise Science Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Exercise Science curriculum provides a broad foundation for students planning to further their science education at the graduate or professional level. Students complete rigorous coursework in anatomy, chemistry, mathematics, physics, physiology, and psychology to build a foundation of science knowledge needed for success in the upper-level kinesiology courses. The core kinesiology courses emphasize biomechanics, exercise physiology, sport psychology, and motor learning/control. This major provides excellent preparation for graduate work in adapted physical education, ergonomics, biomechanics, exercise physiology, motor control, sport psychology, and sports medicine. In addition, students with this major prepare for admission to graduate programs in athletic training, physical activity, physical and occupational therapy, medicine, physician assistant, dentistry, podiatry, optometry, chiropractic, osteopathy, and other allied health fields.

Degree Requirements

The four-year Exercise Science curriculum in the subject matter of human health and movement provides the student with an understanding of current issues and how

the field of kinesiology can provide solutions to health and performance challenges. Through the use of targeted electives, the student is asked to relate knowledge from other disciplines to the study of human health and performance. Graduation requirements include:

- completion of general education requirements.
- completion of exercise science major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portion of this degree entitled, kinesiology major courses.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (83–90 cr.)

Kinesiology Major Courses (27–29 cr.)

Minimum 2.0 GPA required in courses completed to fulfill this requirement.

Complete each of the following courses

- SPH-K 150 Introduction to Kinesiology and Public Health (3 cr.) **+(S&H)**
- SPH-K 200 Microcomputer Applications in Kinesiology (3 cr.)
- SPH-K 205 Structural Kinesiology (3 cr.) **+(N&M)** or ANAT-A 225 Human Anatomy (5 cr.) **+(N&M)**
- SPH-K 212 Introduction to Exercise Science (3 cr.) **+(N&M)**
- SPH-K 391 Biomechanics (3 cr.)
- SPH-K 405 Introduction to Sport Psychology (3 cr.) (P: Junior or Senior Standing required)
- SPH-K 409 Basic Physiology of Exercise (3 cr.) (P: ANAT-A 225 or SPH-K 205, and PHSL-P 225 required)
- SPH-K 412 Exercise in Health & Disease (3 cr.)
- SPH-K 452 Motor Learning (3 cr.)

Foundational Science (23 cr.)

Complete each of the following courses:

- PHSL-P 225 Human Physiology (5 cr.) **+(N&M)**
- PHYS-P 201 General Physics I (5 cr.) **+(N&M)**
- PSY-P 101 Introduction to Psychology I (3 cr.) **+(N&M)**
- SPH-N 220 Nutrition for Health (3 cr.) or SPH-N 231 Human Nutrition (3 cr.) **+(N&M)**

Foundational Chemistry (5-10 cr.)

Complete one of the following chemistry options:

Option 1: Complete the following two chemistry courses

- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) **+(N&M)**
- CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.) **+(N&M)**

OR

Option 2: Complete the following four chemistry courses:

- CHEM-C 101 Elementary Chemistry I (3 cr.) **+(N&M)**
- CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.) **+(N&M)**
- CHEM-C 102 Elementary Chemistry II (N&M) (3 cr.) **+(N&M)**
- CHEM-C 122 Elementary Chemistry Laboratory II (2 cr.) **+(N&M)**

Foundational Statistics (3 cr.)

Complete one of the following statistics courses:

- SPH-Q 381 Introduction to Biostatistics (3 cr.)
- PSY-K 300 Statistical Techniques (3 cr.)
- SPEA-K 300 Statistical Techniques (3 cr.)
- STAT-S 303 Applied Statistical Methods for the Life Sciences (3 cr.)

Foundational Communications: (6 cr.)

Complete the following course:

- SPH-B 250 Public Health Communication (3 cr.)

Complete one of the following courses:

- SPH-H 360 Writing in Public Health (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)
- ENG-W 240 Community Service Writing (3 cr.)
- MSCH-C 221 Writing for Electronic Media (3 cr.)

In-Major Electives (complete a minimum of 9 credits from the list of In-Major Electives)

- 3 SPH-I 119 Personal Fitness and Wellness
 - 3 SPH-K 201 Intro to Experimental Research w/ Human Subjects
 - 3 SPH-K 216 Foundations of Physical Activity in Public Health
 - 3 SPH-K 250 Introductory Special Topics in Kinesiology
 - 2 SPH-K 280 Basic Prevention & Care of Athletic Injuries.
 - 3 SPH-K 305 Mechanical Basis of Hum Movement (P:K205/A225)
 - 2 SPH-K 316 Theories of Advanced Conditioning
 - 2 SPH-K 317 Theory and Practice of Resistance Training
 - 3 SPH-K 319 Physical Activity/Exercise Leadership (P:K216/K119 & K205/A225)
 - 3 SPH-K 350 Intermediate Special Topics in Kinesiology
 - 3 SPH-K 398 Adapted Physical Activity
 - 3 SPH-K 417 Physical Activity & Disease (P: K409)
 - 3 SPH-K 419 Fitness Testing & Interpretation (P: K409)
 - 3 SPH-K 450 Advanced Special Topics in Kinesiology
 - 3 SPH-K 490 Motor Development and Learning
 - 1-3 SPH-K 492 Research in Kinesiology
 - 1-3 SPH-K 496 Lab Asst/Field Exp in Kines
 - 1-3 SPH-K 497 Internship in Kinesiology
- Students may take more than the required In-Major Elective credits to fulfill a portion of the remaining 120 credit degree requirements

Common Electives

(Arranged in Career Focus Areas to assist students in elective section)

Students may select elective courses under any Focus Area, or between Focus Areas. Students may also choose classes not listed here to fulfill the remainder of the 120 required credits for their degree.

Integrated Exercise Science Focus

- 3 HPSC-X 200 Intro to Scientific Reasoning N&M
- 3 BIOL-L 312 Cell Biology (P: BIOL-L 211) OR BIOL-L 330 Biology of the Cell
- 3 BIOL-P 451 Integrative Human Physiology
- 3 CHEM-C 341 / J 341 Organic Chemistry I
- 3 CHEM-C 342 / J 342 Organic Chemistry II
- 3 CHEM-C 383 Human Biochemistry OR CHEM-C 483 Biological Chemistry

Professional Focus

- 3 SPH-K 416 Physical Activity and Fitness Administration
- 3 SPH-M 211 Introduction to Sport Management
- 3 SPH-M 318 Management of Sport Enterprise
- 3 SPH-M 426 Sport Sales
- 3 PSY-P 303 Health Psychology
- 3 SPH-P 309 Public Health Administration
- 3 SPH-E 311 Human Diseases & Epidemiology
- 3 SPH-S 332 Ergonomics & Human Factors** (P/C: ANAT-A 225 or SPH-K 205)

Pre-Health Professions Focus

- 2 CLAS-C 209 Medical Terminology
- 4 BIOL-L 112 Foundations in Biology **N&M**
- 3 BIOL-L 113 Biology Lab
- 3 BIOL-L 111 Found. of Biol: Evol, Dvrsty & Ecology
- 3 BIOL-L 211 Molecular Biology
- 3 BIOL-M 200 Microorganisms in Nature & Disease**
- 1 BIOL-M 215 Microorganism Laboratory**
- 3 BIOL-M 250 Microbiology (P: College Chemistry)
- 3 BIOL-M 380 Microbiology of Infectious Disease
- 2 BIOL-M 315 Microbiology Lab
- 3 CHEM-C 341/ J 341 Organic Chem I
- 3 CHEM-C 342 / J 342 Organic Chem II
- 2 CHEM-C 343/ J 343 Organic Chem Lab I
- 5 CHEM-N 330 Intermediate Inorganic Chem OR CHEM-C 118 Prin of Chem and Biochem II
- 3 CHEM-C 383 Human Biochemistry OR CHEM-C 483 Biological Chemistry
- 3 MSCI-M ANY MSCI-M course
- 5 PHYS-P 202 General Physics II
- 3 PSY-P ____ Any PSY course excluding P101 & K300
- 3 SOC-S 100 Intro to Sociology S&H OR SOC-S 101 Social Prblms & Policies: VT: Med in Am
- 3 SOC-S 358 Social Issues in Health & Med
- 3 SPH-F 150 Intro to Lifespan Development OR EDUC-P 314 Lifespan Development OR
- 3 SPH-H 160 First Aid and CPR

Pre-Allied Health – Pre-Athletic Training Focus

- 3 SPH-H 160 First Aid and CPR
- 2 SPH-K 280 Basic Prev. & Care Athletic. Injuries (if not completed in Major Electives)
- 2 SPH-K 316 Theories of Advanced Conditioning (if not completed in Major Electives)
- 3 SPH-H 401 Emergency Medical Technician
- 1 SPH-H 404 Emergency Medical Technician Lab (additional EMT Certification recommended)
- 3 SPH-K 205 Structural Kinesiology(if not completed in Core)
- 3 SPH-E 311 Human Diseases & Epidemiology
- 3 EDUC-G207 Intro Student Athlete Counseling Psych

+ Courses followed by an A&H notation apply toward completion of both the major requirement and the general education, arts and humanities requirement.

+ Courses followed by an N&M notation apply toward completion of both the major requirement and the general education, natural and mathematic sciences requirement.

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education, social and historical studies requirement.

Suggested Courses for the First-Year Exercise

Science Student Fall Semester (15 cr.) Chemistry Preparation Course (5 cr.) **or** a Free Elective (3 cr.)
 ENG-W 131 Elementary Composition 1 (3 cr.) **or** ENG-W 170 Introduction to Argumentative Writing (3 cr.)
 MATH-M 118 Finite Mathematics (3 cr.) **or** MATH-M 119 Brief Survey of Calculus I (3 cr.)
 PSY-P 101 Introductory Psychology 1 (3 cr.)
 SPH-K 150 Introduction to Kinesiology and Public Health (3 cr.)

Spring Semester (16 cr.)

CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) **and** CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.)

or

CHEM-C 101 Elementary Chemistry (3 cr.) **and** CHEM-C 121 Elementary Chemistry Laboratory (2 cr.)
 COLL-P 155 Public Oral Communication (3 cr.)
 SPH-I 119 Personal Fitness (3 cr.)
 Arts and Humanities Course (3 cr.)
 Free Elective (3 cr.)

Special Opportunities

Majors have the opportunity to work with faculty research specialists in areas specific to kinesiology. Students planning to pursue graduate kinesiology programs are encouraged to gain laboratory research experience offered by departmental faculty, and the school coordinates internship opportunities outside of the department in a wide variety of medical and allied health areas. Expert and in-depth advising services help students tailor their major program to meet their eventual goals.

Careers

Many students with this major enter graduate programs in their career area of interest, most often a health profession, such as athletic trainer, physical therapist, occupational therapist, physician's assistant, medical doctor, dentist, optometrist, or other allied health profession. Other students pursue graduate degrees

in physical activity, exercise physiology, biomechanics, motor learning and control, and ergonomics. Others may seek positions in coaching, cardiac rehabilitation, health screening and education, pharmaceutical sales, or sales and marketing of medical, fitness, or sports-related equipment. This major can be combined with a minor or professional certification to tailor the student's background to a specific area, such as health care, coaching, fitness, or business.

Bachelor of Science in Public Health - Fitness and Wellness Degree

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The B.S.P.H. in Fitness and Wellness focuses on the applied science of movement and research-based preparation of a health and fitness professional. Students from this program become qualified to seek certification through many National Commission for Certifying Agencies (NCCA) accredited organizations, including the American College of Sports Medicine (ACSM). This undergraduate program provides the education and practice that students need to be competitive in health and fitness careers. The curriculum is based on guidelines and standards developed by the ACSM. The fitness and wellness curriculum delivers a scientific academic foundation in topics such as physiology, functional kinesiology, biomechanics, motor learning and epidemiology. This knowledge is combined with the latest research and training methods as well as a variety of community engagement experiences which promote active and healthy lifestyles that impact the health of the public at large.

The fitness and wellness program strives to provide students with numerous practical experiences in the areas of assessment, exercise prescription and leadership, program administration, posture and movement analysis, communication and coaching strategies, and program design for a variety of populations across the lifespan.

Degree Requirements

The four-year B.S.P.H. in Fitness and Wellness curriculum is designed to prepare students to work in the fitness/wellness industry or in public health organizations with a health and wellness focus. The core coursework is designed to follow the behavioral objectives of the American College of Sports Medicine (ACSM) Exercise Physiologist (EP-C) certification. Students are encouraged to also sit for other health-related certifications, such as the ACSM/National Physical Activity Society (NPAS) Physical Activity in Public Health Specialist (PAPHS) certification. Graduation requirements include:

- completion of general education requirements.
- completion of fitness and wellness major requirements.
- a minimum of 120 successfully completed credit hours that count toward the degree program.
- a minimum 2.0 cumulative GPA.
- No pass/fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (75–77 cr.)

Public Health Core (15 cr.)

A minimum grade of C- is required in each course. A minimum combined cumulative GPA of 2.0 is required for the Public Health Core and Fitness and Wellness Courses. Complete each of the following courses:

- SPH-B 366 Community Health (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-P 309 Public Health Administration (3 cr.)
- SPH-Q 381 Introduction to Biostatistics (3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.) **+N&M**

Fitness and Wellness Courses (31 cr.)

A minimum grade of C- is required in each course. A minimum combined cumulative GPA of 2.0 is required for the Public Health Core and Fitness and Wellness Courses. Complete each of the following courses:

- SPH-K 212 Intro to Exercise Science (3 cr.) **+N&M**
- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- SPH-K 319 Physical Activity/Exercise Leadership (3 cr.) (P: SPH-K 205 or **-or-** ANAT-A 225 **-and-** SPH-K 216)
- SPH-K 327 Behavioral Aspects of Physical Activity and Exercise (3 cr.)
- SPH-K 395 Fitness Specialist Practicum (2 cr.) (P: SPH-K 319)
- SPH-K 416 Physical Activity/Fitness Administration (3 cr.)
- SPH-K 417 Physical Activity and Disease (3 cr.) (P: SPH-K 409)
- SPH-K 419 Fitness Testing and Interpretation (3 cr.) (P: SPH-K 205 **-or-** ANAT-A 225 **-and-** SPH-K 212 **-and-** SPH-K 216 and junior or senior Standing)
- SPH-K 486 Field Experience in Fitness and Wellness (5 cr.) (P: Fitness & Wellness major only **-and-** department consent)
- SPH-V 235 Introduction to Public Health Biology (3 cr.) **+N&M**

Additional Required Courses (29–31 cr.)

Complete each of the following courses:

- PHSL-P 225 Human Physiology (5 cr.) **+N&M**
- SPH-I 119 Personal Fitness and Wellness (3 cr.)
- SPH-K 200 Computer Technology in Public Health (3 cr.)
- SPH-K 205 Structural Kinesiology (3 cr.) **+N&M -or-** ANAT-A 225 Human Anatomy (5 cr.) **+N&M**
- SPH-K 280 Basic Prevention & Care of Athletic Injuries (2 cr.)
- SPH-K 301 Professional and Career Preparation (1 cr.)
- SPH-K 305 Mechanical Basis of Human Movement (3 cr.) (P: SPH-K 205 **-or-** ANAT-A 225)
- SPH-K 409 Basic Physiology of Exercise (3 cr.): (P: ANAT-A 225 **-or-** SPH-K 205 **-and-** PHSL-P 225)

- SPH-K 452 Motor Learning (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **-or-** SPH-N 231 Human Nutrition (3 cr.) (R: CHEM-C 101 **-or-** equivalent **-and-** a course in Biology) **+N&M**

+ Courses followed by an N&M notation apply toward completion of both the major requirement and the general education, natural and mathematical sciences requirement.

Suggested Courses for the First-Year Fitness & Wellness Student

First Semester (15 cr.)

- ENG-W 131 Reading, Writing, and Inquiry I (3 cr.)
- SPH-I 119 Personal Fitness and Wellness (3 cr.)
- IUB General Education Math Modeling (3 cr.)
- SPH-K 212 Intro to Exercise Science (3 cr.)
- Free Elective (3 cr.)

Second Semester (15-17 cr.)

- SPH-K 205 Structural Kinesiology (3 cr.) **+N&M -or-** ANAT-A 225 Human Anatomy (5 cr.) **+N&M**
- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- IUB General Education S&H (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **-or-** SPH-N 231 Human Nutrition (3 cr.) (R: CHEM-C 101 **-or-** equivalent **-and-** a course in Biology) **+N&M**
- Free Elective (3 cr.)

Special Opportunities

The Fitness and Wellness program fulfills the educational requirements established by the Committee on Certification and Registry Boards. This means that the current curriculum covers the knowledge, skills, and abilities expected of an ACSM Exercise Physiologist. This certification is only available to individuals with a four-year degree in an allied health field.

In addition, students must complete a 5-credit professional field experience and a 50-hour practicum during their matriculation. Students are given numerous opportunities to demonstrate their skills by working at various on- and off-campus sites.

All students are encouraged to take the ACE, NSCA, NASM, or ACSM personal training certification exam during their junior year. Many students are actively involved both on campus and in the community as fitness consultants, instructors, and personal trainers, gaining invaluable experience working directly with individuals.

Careers

Exciting, rewarding, and challenging careers in the health/fitness industry include:

- community wellness program director
- post-rehabilitation specialist
- worksite fitness/wellness center director
- health coach
- private and commercial health clubs as director, general manager, owner, or consultant

Bachelor of Science in Kinesiology (BSK), Sport Marketing and Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The IU Sport Marketing and Management (SMM) Program, which began in 1985, is recognized as one of the top programs of its kind in the United States. Graduates of the program can be found in nearly all segments of the sport industry and are located around the world. The major uses an interdisciplinary approach that includes foundation courses in both sport and business. Upon completing core coursework in sports law, marketing, communication, business, management, psychology, and finance, students apply knowledge directly to the field through a required practicum or internship experience. Students gain strong preparation and skills in marketing, media relations, event planning/management, public relations, computers, and business organizational structures.

Degree Requirements

This four-year program leads to a Bachelor of Science in Kinesiology with a major in Sport Marketing and Management. Graduation requirements include:

- completion of general education requirements.
- completion of sport marketing and management major courses with a minimum grade of C- required in each course.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portions of this degree entitled: sport marketing and management core, and sport marketing and management electives.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (78 credits with a minimum grade of C- in each course)

Sport Marketing and Management Core (42 cr.)

Complete each of the following courses:

- SPH-C 213 Introduction to Sport Communication (3 cr.)
- SPH-K 150 Introduction to Kinesiology and Public Health (3 cr.) **+(S&H)**
- SPH-M 211 Introduction to Sport Management (3 cr.)
- SPH-M 318 Managing the Sport Enterprise (3 cr.)
- SPH-M 333 Sport in America: Historical Perspective (3 cr.)
- SPH-M 382 Sport in American Society (3 cr.)
- SPH-M 411 Legal Issues in Sport Settings (3 cr.)
- SPH-M 415 Sport Promotions & Public Relations (3 cr.)

- SPH-M 418 Sport Marketing (3 cr.)
- SPH-M 423 Financial Principles in Sport (3 cr.) (P: senior standing; open only to admitted SMM majors or declared minors)
- SPH-M 425 Sport Governance in the Global Community (3 cr.)
- SPH-M 426 Sales Management in Sport (3 cr.)
- SPH-M 428 Strategic Management in the Sport Industry (3 cr.) (P: senior standing; open only to admitted SMM majors or declared minors)
- Choose one option below for a minimum of 3 cr.
 - SPH-M 495 Practicum in Sports Studies (1-3 cr.) (P: Admission to Sport Marketing and Management major or Sport Marketing and Management Minor. Above class graded on deferred R and S/F basis only. Department consent required.)
 - SPH-M 497 Internship in Sport Management (1-6 cr.) (P: Admission to Sport Marketing and Management major or Sport Marketing and Management Minor. Above class graded on deferred R and S/F basis only. Department consent required.)

Sport Marketing and Management Electives (18 cr.)

Complete six of the following courses:

(SPH-M 304 can be taken 4 times with different topics and SPH-M 404 can be taken 3 times with different topics)

- SPH-C 329 Issues in Sport Communication (3 cr.)
- SPH-K 405 Exercise and Sport Psychology (3 cr.) (P: junior or senior standing)
- SPH-M 304 Sport Industry Studies (3 cr.)
 - Repeatable for credit: M 304 can be taken up to 4 times with different topics.
 - Beginning Spring 2025, these SPH-M 304 topics will become their own courses as noted below. Topics previously completed as SPH-M 304 cannot be repeated as the same topic with the new course number (e.g., SPH-M 304 Sport Analytics cannot be repeated as SPH-M 310 Sport Analytics for credit).
 - SPH-M 310 Sport Analytics (3 cr.)
 - SPH-M 311 Diversity in Sport Management (3 cr.)
 - SPH-M 312 International Sport Management (3 cr.)
 - SPH-M 314 E-Sports Marketing & Management (3 cr.)
- SPH-M 328 Issues in Intercollegiate Athletics (3 cr.)
- SPH-M 404 Sport Management Colloquium (3 cr.)
 - Repeatable for credit: M 404 can be taken up to 3 times with different topics.
 - Beginning Spring 2025, these SPH-M 404 topics will become their own courses as noted below. Topics previously completed as SPH-M 404 cannot be repeated as the same topic with the new course number (e.g., SPH-M 404 Sport Branding cannot be repeated as SPH-M 408 Sport Branding for credit).

- SPH-M 405 Issues in Professional Sports (3 cr.)
- SPH-M 406 Colts Gameday Experience (3 cr.)
- SPH-M 408 Sport Branding (3 cr.)

Communication (6 cr.)

Complete two of the following courses:

- ANTH-A 122 Interpersonal Communication (3 cr.) **+(S&H)**
- BUS-C 104 Business Presentations (3 cr.) (P: Kelley business and pre-business students only)
- BUS-C 204 Business Communications (3 cr.) (P: Kelley business and pre-business students only) **-or-** BUS-C 205 Business Communications Honors (3 cr.) (P: Kelley business and pre-business students only)
- COLL-P 155 Public Oral Communication (3 cr.)
- ENG-W 103 Introduction to Creative Writing (3 cr.) **+(A&H)**
- SPH-B 250 Public Health Communication (3 cr.)

Business Electives (12 cr.)

Complete four of the following courses:

- BUS-A 200 Foundations of Accounting for Non-Business Majors (3 cr.)
- BUS-F 260 Personal Finance (3 cr.) **+(S&H)**
- BUS-F 300 Introductory Financial Management (P: BUS-A 200) (3 cr.)
- BUS-G 300 Introduction to Managerial Economics and Strategy (3 cr.)
- BUS-K 201 Foundations of Business Information Systems and Decision Making (P: Kelley majors and minors only) (3 cr.)
- BUS-L 201 Legal Environment of Business (P: Kelley majors and minors only) (3 cr.) **+(S&H)**
- BUS-M 300 Introduction to Marketing (3 cr.)
- BUS-P 300 Introduction to Operations Management (P: BUS-K 201 or BUS-K 204 with a minimum grade of C) (3 cr.)
- BUS-Z 302 Managing and Behavior in Organizations (3 cr.) **-or-** BUS-J 306 Strategic Management and Leadership (3 cr.)
- BUS-W 212 Explore Entrepreneurship (3 cr.)
- BUS-W 300 New Venture Management (3 cr.)
- ECON-B 251 Fundamentals of Economics for Business I (3 cr.)
- ECON-B 252 Fundamentals of Economics for Business II (3 cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.) **+(S&H)** (This course is no longer offered at IUB. It can be transferred from other schools or as dual credit. The IUB replacement is ECON-B 251.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.) **+(S&H)** (This course is no longer offered at IUB. It can be transferred from other schools or as dual credit. The IUB replacement is ECON-B 252.)
- SPH-R 220 Foundations of Parks, Recreation and the Outdoors (3 cr.)
- SPH-R 221 Creating Sense of Place Through Design (3 cr.)

- SPH-R 230 Recreational Sports Programming -or- SPH-K 206 Recreational Sports Programming (3 cr.)
- SPH-R 410 Event Planning and Program Development (P: Junior or Senior standing) (3 cr.)
- SPH-T 302 Management of Food and Beverage Operations (3 cr.)

+ Courses followed by an A&H notation apply toward completion of both the major requirement and the general education Arts & Humanities requirement.

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education Social & Historical Studies requirement.

P: denotes a required prerequisite

Suggested Courses for the First-Year Sport Marketing and Management Student

Fall Semester (15 cr.)

SPH-K 150 Introduction to Kinesiology and Public Health (3 cr.) **+(S&H)**

SPH-M 211 Introduction to Sport Management (3 cr.)

IUB GenEd: [English Composition](#) (3 cr.)

IUB GenEd: [Arts and Humanities](#) (3 cr.)

IUB GenEd: [Mathematical Modeling](#) (3 cr.)

Spring Semester (15 cr.)

SPH-C 213 Introduction to Sport Communication (3 cr.)

SMM Major Elective (3 cr.)

SMM Communication Course (3 cr.)

IUB GenEd: [Arts and Humanities](#) (3 cr.)

IUB GenEd: [Natural and Mathematical Sciences](#) (3 cr.)

Special Opportunities

Majors are required to complete a practicum or internship experience and most often complete several varied experiences prior to graduation. The SPH-B Office of Career Services provides expert career advisement and services. Indiana provides many local opportunities for majors looking for internship study. In addition to the various sport entities in Bloomington and around the state, there are numerous opportunities in nearby Indianapolis, which is home to the Colts (NFL) in Lucas Oil Stadium, the Pacers (NBA) and Fever (WNBA) at Gainbridge Fieldhouse, motorsports at the Indianapolis Motor Speedway, swimming and diving at the Natatorium, the Indianapolis Indians (MiLB) at Victory Field, the NCAA Headquarters, as well as several sport national governing bodies.

Careers

Employment opportunities span the field of professional, amateur, and intercollegiate sports, including facility operations, corporate sport marketing/public relations, media relations, and event marketing and management. In addition, students are prepared for careers in sports equipment sales and other positions that require good communication, marketing, and management skills. Following their undergraduate education, some students seek admission to graduate programs in such areas as law, sport management, and public health administration.

Bachelor of Science in Public Health - Community Health Degree

- [Description of Program](#)

- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The B.S.P.H. in Community Health degree is a four-year undergraduate program offered through the Department of Applied Health Science at Indiana University Bloomington. The field of public health promotes and protects the health of people where they live, work and play. Public health workers address the behavioral and socio-ecological factors that influence health outcomes around the globe. They work in government agencies, nonprofit organizations, hospitals, schools and universities, and corporations. This degree program aligns with the competencies established by the Council on Education for Public Health, the federally recognized accrediting body for public health academic programs.

Students who choose this degree option study the core disciplines in public health: epidemiology, public health administration, environmental health, biostatistics, and social and behavioral health. Core coursework includes theoretical and applied study of health promotion and disease prevention, health disparities, research methods, measurement and evaluation, public health program planning, and community health. At the conclusion of their course work, students complete an internship, gaining experience in the day-to-day operations of a public health agency and participating in the design, development, implementation, and evaluation of public health programs.

Degree Requirements

This is a four-year program leading to the degree B.S.P.H. in Community Health degree. There is a minimum 2.0 cumulative grade point average (GPA) entrance requirement. Graduation requirements include:

- completion of general education requirements.
- completion of community health major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in courses used to complete the portions of this degree entitled: public health core, community health courses, and related content courses.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (80–87 credits)

Foundational Anatomy and Physiology (3-10 cr.)

This requirement may be met in one of two ways.

OPTION 1: *This requirement may be met by completing the following one-course-combination of Anatomy and Physiology:*

- MSCI-M 115 Introduction to Anatomy and Physiology (3 cr.) **+(N&M)**

OPTION 2: This requirement may be met by *completing the following individual courses in Anatomy and Physiology*:

- ANAT-A 215 Basic Human Anatomy (5 cr.) **+(N&M)**
- PHSL-P 215 Basic Human Physiology (5 cr.) **+(N&M)**

Public Health Core (15 cr.)

A minimum grade of C– is required in each course.

Complete each of the following courses:

- SPH-B 366 Community Health (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.) **P or C: SPH-Q 381 or SPH-H 381**
- SPH-P 309 Public Health Administration (3 cr.)
- SPH-Q 381 Introduction to Biostatistics (3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.) **+(N&M)**

Community Health Courses (23 cr.)

A minimum grade of C– is required in each course.

Complete each of the following courses:

- SPH-B 310 Public Health in Diverse Communities (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.) **P: B 366 & Jr/Sr**
- SPH-B 496 Internship in Public Health (max 9 cr.)
- SPH-H 263 Personal Health (3 cr.) **+(S&H)**
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.) **P or C: SPH-H 381 & Jr/Sr**
- SPH-K 200 Microcomputer Applications in Kinesiology (3 cr.)
- SPH-V 235 Introduction to Public Health Biology (3 cr.) **+(N&M)**

Additional Required Courses (18 cr.)

Complete each of the following courses:

- BIOL-L 104 Introductory Biology Lectures (3 cr.) **+(N&M or BIOL-L 112 Foundations of Biology: Biological Mechanisms (4 cr.) +(N&M or BIOL-L100 Humans and the Biological World (5 cr) +(N&M (Note: Pre-professional students should complete BIOL-L 112)**
- CHEM-C 101 Elementary Chemistry I (3 cr.) **+(N&M or C 103 Introduction to Chemical Principles (5 cr.) +(N&M or C 117 Principles of Chemistry and Biochemistry I (3 cr.) +(N&M (Note: Pre-professional students should complete CHEM-C 117)**
- SPH-B 250 Public Health Communication (3 cr.)
- SPH-H 360 Writing in Public Health (3 cr.)
- PSY-P 101 Introduction to Psychology 1 (3 cr.) **+(N&M)**
- PSY-P 102 Introduction to Psychology 2 (3 cr.) (P: PSY-P 101) **+(S&H)**

Related Content Courses (21 cr.)

A minimum grade of C– is required in each course.

Complete any 21 credits from the following related content courses.

Public Health

- SPH-B 150 Introduction to Public Health (3 cr.) **+(S&H)**

- SPH-B 360 Professional Pathways in Community Health (3 cr.)
- SPH-B 416 Introduction to Health Counseling (3 cr.)
- SPH-B 491 Readings in Public Health (1-3 cr.)
- SPH-B 492 Research in Public Health (1-3 cr.)
- SPH-H 350 Topical Seminar in Health Promotion (1-3 cr.)

Public Health, Gerontology

- SPH-B 315 Health in Later Years (3 cr.)
- SPH-B 335 Aging Health, and Diverse Populations (3 cr.)
- SPH-B 354 Aging Today (3 cr.)

Human Development and Family Studies

- SPH-F 150 Introduction to Life Span Development (3 cr.) **+(S&H)**
- SPH-F 180 Introduction to Child and Youth Work (3 cr.)
- SPH-F 255 Human Sexuality (3 cr.) **+(S&H)**
- SPH-F 258 The Tie That Binds: Relationships, Marriage and Family (3 cr.) **+(S&H)**
- SPH-F 330 Leadership Theory and Practice in Youth Development (3 cr.)
- SPH-F 341 Today's Families: Understanding Change in Family Dynamics (3 cr.)
- SPH-F 345 Parents, Parenting and Children (3 cr.) **(P: SPH-F 150)**
- SPH-F 346 The Prenatal Period Through Early Childhood - Human Development I (3 cr.) **(P: SPH-F 150)**
- SPH-F 347 Middle Childhood Through Adolescence - Human Development II (3 cr.) **(P: SPH-F 150)**
- SPH-F 348 Early Through Late Adulthood Human Development III (3 cr.) **(P: SPH-F 150)**
- SPH-F 350 Topical Seminar in Human Development and Family Studies (3 cr.) (repeatable with different topic)
- SPH-F 410 The Science of Positive Youth Development (3 cr.) **(P: SPH-F 150)**
- SPH-F 417 African American and Latino Families (3 cr.) **(P: SPH-F 150)**
- SPH-F 458 Family Law and Policy (3 cr.)
- SPH-L 102 Participant Leadership Development (1 cr.)

Topical Health and Health Promotion

- SPH-H 150 Children's Health up to Age 5 (3 cr.)
- SPH-H 160 First Aid and Emergency Care (3 cr.)
- SPH-H 170 Health and Surviving College Years (3 cr.)
- SPH-H 172 International Health and Social Issues (3 cr.) **+(S&H)**
- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+(S&H)**
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-H 205 Introduction to Health Education (1 cr.)
- SPH-H 220 Death and Dying (3 cr.) **+(S&H)**
- SPH-H 235 Obesity and Health (3 cr.) **+(S&H)**
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)

- SPH-H 315 Consumer Health (3 cr.)
- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 319 Global Health Promotion (3 cr.)
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 330 Human Sexuality Education in Diverse Settings (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-H 395 Practicum in College Sex Education (3 cr.) (Instructor consent required)
- SPH-H 401 Emergency Medical Technician (3 cr.)
- SPH-H 404 Emergency Medical Technician Laboratory (1 cr.)
- SPH-H 418 The Nature of Substance Use Disorder (3 cr.) (Seniors only)
- SPH-H 419 Principles of Substance Abuse, Assessment, and Treatment
- SPH-H 460 Practicum in First Aid Instruction (3 cr.) **(P: SPH-H 160 with "B" or equivalent grade)**
- SPH-N 220 Nutrition for Health (3 cr.) **or** SPH-N 231 Human Nutrition (3 cr.) **+N&M**
- SPH-R 101 Resource Development/Fundraising (3 cr.)
- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 217 Safety: A Personal Focus (3 cr.)
- Any one credit SPH course (1 cr.)

Pre professional

- BIOL-L 113 Biology Laboratory (3 cr.)
- BIOL-L 211 Molecular Biology (3 cr.) and BIOL-L 323* Molecular Lab (3 cr.)
- BIOL-M 200 Microorganism in Nature/Disease (3 cr.) **and** BIOL-M 215 Microorganism Laboratory (1 cr.) **or** BIOL-M 250 Microbiology (3 cr.) and BIOL-M 315 Microbiology Lab (2 cr.)
- CHEM-C 341/ J 341 Organic Chemistry 1 Lectures (3 cr.)
- CHEM-C 342/ J 342 Organic Chemistry 2 Lectures (3 cr.)
- CHEM-C 343/ J 343 Organic Chemistry Lab 1 (2 cr.)
- CHEM-C 383 Human Biochemistry (3 cr.) **or** CHEM-C 483 Biological Chemistry (3 cr.)
- CHEM-N 331 Intermediate Inorganic Chemistry (3 cr.)
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)
- PHYS-P 201 General Physics I (5 cr.) **+N&M**
- PHYS-P 202 General Physics II (5 cr.) **+N&M**
- SOC-S 100 Introduction to Sociology (3 cr.) **+S&H** **or** SOC-S 101 Social Problems and Policies, TOPIC: Medicine in America, or other topics as approved by the advisor **+S&H**

+ Courses with an A&H notation may apply toward both major requirements and the general education, arts and humanities requirement.

+ Courses with an N&M notation may apply toward both major requirements and the general education, natural and mathematical sciences requirement.

+ Courses with an S&H notation may apply toward both major requirements and the general education, social and historical studies requirement.

Suggested Community Health Courses for the First-Year Student

Fall Semester

ENG-W 131 Elementary Composition 1 (3 cr.) or equivalent for General Education English Composition
BIOL L 104 or BIOL L 112 (for pre-med) (3 cr.)
SPH-H 263 Personal Health (3 cr.)
Related Content (3 cr.)
Free Elective (3 cr.)

Spring Semester

MATH M 106 or equivalent for General Education Math Modeling (3 cr.)
PSY-P 101 Introduction to Psychology (3 cr.)
SPH V 241 Foundations of Environmental Health (3 cr.)
+N & M
Related Content Course (3 cr.)
CHEM C 101 or CHEM C 103 or CHEM C 117 (3 cr.)
+N & M

Special Opportunities

Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. Students will have the knowledge needed to take the [Certified Health Education Specialist](#) (CHES) exam and may earn additional credentials such as Emergency Medical Technician (EMT).

Careers

The work of a public health professional is diverse and includes activities such as tracking the spread of disease and illness; developing, managing, and evaluating programs designed to change health-related behaviors; implementing regulatory initiatives; and working with policymakers to facilitate societal change to promote well-being. Public interest in a healthy lifestyle and equitable health outcomes is increasing the demand for public health professionals. Public health careers can be found in local, state, and federal government; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and with health foundations and health-based grant projects. A public health degree can lead to career positions such as:

- Case Manager Specialist
- Community Health Worker
- Contact Tracer
- Disease Prevention Manager
- Disease Intervention Specialist
- Global Health Worker
- Health and Wellness Coach
- Health Data Analyst
- Health Program Evaluator
- Health Promotion Specialist
- Life Coach
- Maternal and Child Health Specialist
- Public Health Educator
- Public Health Navigator
- Prevention Specialist

- Program Director
- Research Assistant
- Sexual Health Educator
- Technical Advisor for HIV/AIDS Programs
- Vaccine Advisor and Program Manager
- Youth Tobacco Prevention Coordinator

Bachelor of Science in Public Health - Environmental Health

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The B.S.P.H. in Environmental Health, offered through the Department of Environmental and Occupational Health, is a great match for students who are passionate about addressing human health issues related to the environment. The four-year program is accredited by the [Council on Education for Public Health](#) (CEPH).

Environmental health majors are engaged in problem-solving to keep communities safe and healthy. They tackle issues including air and water pollution, environmental transmission of infectious disease, environmental causes of cancer, and environmental justice. They work in organizations including federal agencies, pharmaceutical and manufacturing firms, consulting firms, state and local governments, and nonprofit organizations. Some pursue graduate or professional degrees (including M.P.H. and medical degrees).

This program provides students with the knowledge and skills they need to understand and prevent harmful effects from pollutants in the environment, whether chemicals or infectious agents. Through a senior capstone project, students also build employment-critical skills in written and oral communication, collaboration, and problem-solving. They gain additional practical experience through a formal, for-credit internship program.

Degree Requirements

This is a four-year program leading to the B.S.P.H. in Environmental Health degree. Graduation requirements include:

- completion of general education requirements.
- completion of environmental health major requirements.
- a minimum of 120 successfully completed credit hours that count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in all courses used to fulfill the requirements of the major portion of this degree.
- no pass/fail grades except for free electives.

General Education (20–39 cr.)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (60 cr.)

Public Health Core (15 cr.)

A minimum grade of C- is required in each course.

Complete each of the following courses:

- SPH-B 366 Community Health (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-P 309 Public Health Administration (3 cr.)
- SPH-Q 381 Introduction to Biostatistics (3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.) **+N&M**

Environmental Health Core (21 cr.)

A minimum grade of C- is required in each course.

Complete each of the following courses:

- SPH-V 210 Environmental Health Seminar (1 cr.)
- SPH-V 235 Introduction to Public Health Biology (3 cr.) **+N&M**
- SPH-V 342 Toxic Chemicals and Human Health (3 cr.) (P: BIOL-L 112, BIOL-L 113, CHEM-C 117, CHEM-C 127, and SPH-V 235)
- SPH-V 343 Environmental Health Sampling and Analytical Techniques (3 cr.) (P: BIOL-L 112, BIOL-L 113, CHEM-C 117, and CHEM-C 127)
- SPH-V 422 Issues in Global Environmental Health (3 cr.)
- SPH-V 450 Understanding and Preventing Environmental Risks to Human Health (3 cr.)
- SPH-V 496 Field Experience in Environmental Public Health (5 cr.) (P: students must complete all major coursework)

Foundational Science (12 cr.)

Complete each of the following courses:

- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) **+N&M**
- CHEM-C 127 Principles of Chemistry and Biochemistry I Laboratory (2 cr.) **+N&M**
- BIOL-L 112 Foundations of Biology: Biological Mechanisms (4 cr.) **+N&M**
- BIOL-L 113 Biology Laboratory (3 cr.)

Electives (12 cr.)

Select a total of 12 credits from the following list:

- SPH-V 201 Intro to Occupational Health & Safety (3 cr.)
- SPH-V 215 Food Pathogens, Toxins and Surveillance (3 cr.)
- SPH-V 230 One Health: The Intersection of Human, Animal, and Environment **+N&M**
- SPH-V 250 Hot Topics in Environmental/Occupational Health (1-3 cr.)
- SPH-V 350 Current Topics Environmental/Occupational Health (1-3 cr.)
- SPH-V 460 Environmental Health Problem-Solving and Communication (3 cr.)
- SPH-V 492 Research in Environmental and Occupational Health (1-3 cr.)
- SPH-B 250 Public Health Communication (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.)
- SPH-E 250 Public Health Surveillance and Monitoring (3 cr.) **+N&M**
- SPH-E 350 Infectious Diseases: Outbreaks and Field Investigations (3 cr.)

- SPH-E 353 Distribution and Determinants of Chronic Diseases (3 cr.)
- SPH-H 172 International Health and Social Issues (3 cr.) **+S&H**
- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+S&H**
- SPH-H 319 Global Health Promotion (3 cr.)
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-K 199 Careers in Helping Professions (2 cr.)
- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- SPH-K 301 Professional & Career Preparation (1 cr.)
- SPH-N 220 Nutrition for Health (3 cr.)
- SPH-N 231 Human Nutrition (3 cr.) **+N&M**
- SPH-O 244 Natural History and Field Ecology (3 cr.)
- SPH-O 305 Integrated Resource Management (3 cr.)
- SPH-O 310 Ecosystem Management (3 cr.)
- SPH-O 313 Wilderness and Protected Lands (3 cr.)
- SPH-O 341 Field Techniques in Environmental Education (3 cr.)
- SPH-O 360 Human Health & Natural Environments (3 cr.)
- SPH-Q 360 Intro to Biostatistical Computing (3 cr.)
- SPH-R 101 Intro to Resource Development and Fundraising (3 cr.)
- SPH-R 142 Living Well (3 cr.) **+S&H**
- SPH-R 220 Foundations of Parks, Recreation, and the Outdoors (3 cr.)
- SPH-R 315 Leadership in a Diverse Society (3 cr.)
- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 201 Introduction to Industrial Hygiene (3 cr.)
- SPH-S 302 Introduction to Homeland Security (3 cr.)
- SPH-S 345 Safety Program Management (3 cr.)
- SPH-S 354 Hazardous Materials and Waste Control (3 cr.)
- SPH-S 402 Emergency Planning and Preparation (3 cr.)
- SPH-S 436 Emergency Response and Recovery (3 cr.)
- SPH-T 418 Public Health Issues in Global Travel & Tourism (3 cr.)
- SPH-X 242 Travel Study: Wellness of Nations (6 cr.)
- ANAT-A 225 Human Anatomy (5 cr.) **+N&M**
- BIOL-L 211 Molecular Biology (3 cr.)
- BIOL-M 200 Microorganisms in Nature and Disease (3 cr.) (P: MSCI-M 115, PHSL-P 225, or any college-level biology or chemistry course)
- BIOL-M 250 Microbiology (3 cr.)
- BIOL-M 315 Microbiology Lab (3 cr.)
- CHEM-C 118 Principles of Chemistry & Biochemistry II (5 cr.) **+N&M** or CHEM-N 331 Intermediate Inorganic Chemistry (3 cr.) and CHEM-N 337 Intermediate Inorganic Chemistry Lab (2 cr.)
- CHEM-C 341 Organic Chemistry 1 Lectures or CHEM-J 341 Principles of Organic Chemistry I (3 cr.)
- CHEM-C 342 Organic Chemistry 2 Lectures or CHEM-J 342 Principles of Organic Chemistry II (3 cr.)
- CHEM-C 343 Organic Chemistry Lab 1 or CHEM-J 343 Organic Chemistry Lab I for Majors (2 cr.)

- CHEM-C 383 Human Biochemistry (3 cr.)
- CHEM-C 483 Biological Chemistry (3 cr.)
- PHSL-P 225 Human Physiology (5 cr.) **+N&M**
- PHYS-P 201 General Physics I (5 cr.) **+N&M**
- PHYS-P 202 General Physics II (5 cr.) **+N&M**
- SPEA-E 260 Introduction to Water Resources (3 cr.)
- SPEA-E 316 Insects and the Environment (3 cr.)
- SPEA-E 324 Controversies in Environmental Health (3 cr.)
- SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)
- SPEA-E 451 Air Pollution and Control (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- SPEA-E 460 Wildlife Management (3 cr.)
- SPEA-E 466 International and Comparative Environmental Policy (3 cr.)

+ Courses with an A&H notation may apply toward both major requirements and the general education, arts and humanities requirement.

+ Courses with a N&M notation may apply toward both major requirements and the general education, natural and mathematical sciences requirement.

+ Courses with a S&H notation may apply toward both major requirements and the general education, social and historical studies requirement.

Suggested Environmental Health Courses for the First-Year Student

Fall Semester

- SPH-V 210 Environmental Health Seminar (1 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.)
- IUB GenEd English Composition (3 cr.)
- IUB GenEd Math Modeling (3-4 cr)
- IUB GenEd Social & Historical Studies (3 cr.)
- Free Electives (1-3 cr.)

Spring Semester

- SPH-V 235 Introduction to Public Health Biology (3 cr.)
- Introductory Chemistry according to placement: CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) and CHEM-C 127 Principles of Chemistry and Biochemistry I Laboratory (2 cr.), or if needed the preparatory course, CHEM-C 103 (5 cr.)
- IUB GenEd Arts and Humanities (3 cr.)
- Free Electives (4 cr.)

Special Opportunities

Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. Students benefit from the low student-to-faculty ratio, which provides many opportunities for one-on-one interactions with faculty.

Careers

A B.S.P.H. from SPH-B develops the skills necessary to become an environmental health professional by combining a public health foundation with targeted courses in assessing and managing environmental risks.

Our graduates have found jobs at organizations including local health departments, federal agencies such as the U.S. Centers for Disease Control and Prevention and U.S. Environmental Protection Agency,

pharmaceutical companies such as Eli Lilly, manufacturing and construction firms like Turner Construction, consulting firms that advise industry on environmental health problems, and nonprofit organizations that help communities facing environmental threats to their health. Some graduates have pursued higher education, including master's, Ph.D., and medical degrees.

The table below shows example career titles and professional placements.

Environmental Health Specialist	
Environmental Scientist	Florida Department of Health
Environmental Technician	Indiana State Department of Health
Environmentalist	Marion County Public Health Department
Safety and Environmental Specialist	Monroe County Health Department
Senior Environmental Health Specialist	Virginia Department of Health
Epidemiologist	U.S. Environmental Protection Agency
Lead Risk Assessor	U.S. Centers for Disease Control and Prevention
Medical Student	U.S. Department of Housing and Urban Development U.S. Food and Drug Administration
Chemical Risk Assessor	
Health Scientist	Franciscan Health
Eco-Health Literature Review Analyst	Indiana University Healthcare
Environmental Risk Assessment Specialist	
Data Analyst	
Legislative Analyst	Eli Lilly and Company
Advisory Associate	Green Bay Packaging
Research Assistant	Turner Construction Company
Project Safety Assistant	
PhD Student	
Medical Student	ICF RTI International

HDR

Booz Allen

Chicago College of Osteopathic Medicine

Indiana University

Purdue University

Bachelor of Science in Public Health - Epidemiology Degree

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The B.S.P.H. in Epidemiology degree is a four-year undergraduate degree offered through the Department of Epidemiology and Biostatistics. Students who choose this degree program take courses related to five core areas: epidemiology, health administration, environmental health, biostatistics, and social and behavioral health. They also take courses that expose them to the basic fundamentals required of a public health professional in the areas of disease surveillance, study design, data collection and analysis, identification of risk factors for infectious and chronic diseases, and interpretation of findings from research studies.

At the conclusion of their coursework, students complete an internship which provides them an opportunity to apply, within an actual work environment, their newly acquired skills and competencies. Students completing this degree will be well positioned to begin employment as epidemiologists or to pursue an advanced degree.

Degree Requirements

This is a four-year program leading to a B.S.P.H. in Epidemiology. Graduation requirements include:

- completion of general education requirements.
- completion of epidemiology major requirements.
- a minimum of 120 successfully completed credit hours which count toward the degree program.
- a minimum 2.0 cumulative GPA.
- a minimum 2.0 cumulative GPA in all courses used to fulfill the requirements of the major portion of this degree.
- No Pass/Fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (65–72 cr.)

Anatomy and Physiology Requirement (3–10 cr.)

A student may complete either one of the following two options to complete this requirement:

This requirement may be satisfied by completing the following course:

- MSCI-M 115 Introduction Anatomy and Physiology (3 cr.)

Alternatively, a student may satisfy this requirement by completing both of the following individual anatomy and physiology courses:

- ANAT-A 225 Human Anatomy (5 cr.) or ANAT-A 215 Basic Human Anatomy (5 cr.) **or** SPH-K 205 Structural Kinesiology (3 cr.)
- PHSL-P 225 Human Physiology (5 cr.) or PHSL-P 215 Basic Human Physiology (5 cr.)

Public Health Core (15 cr.)

A minimum grade of C– is required in each course.

Complete each of the following courses:

- SPH-B 366 Community Health (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-P 309 Public Health Administration (3 cr.)
- SPH-Q 381 Introduction to Biostatistics (3 cr.)
- SPH-V 241 Foundations of Environmental Health (3 cr.) **+N&M**

Epidemiology Courses (20 cr.)

A minimum grade of C– is required in each course.

Complete each of the following courses:

- SPH-E 250 Public Health Surveillance and Monitoring (3 cr.)
- SPH-E 350 Infectious Diseases: Outbreaks and Field Investigations (3 cr.) (P: SPH-E 311) (Fall only)
- SPH-E 353 Distribution and Determinants of Chronic Diseases (3 cr.)
- SPH-E 358 Epidemiologic Methods: Concepts (3 cr.)
- SPH-E 359 Epidemiologic Methods: Applications (3 cr.)
- SPH-E 496 Field Experience in Epidemiology (5 cr.)

Additional Major Courses (15 cr.)

Complete each of the following courses:

- MATH-M 118 Finite Mathematics (3 cr.), **(or)** MATH-M119 Brief Survey of Calculus (3 cr.) **+Math Modeling**
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.) (P or C: SPH-Q 381 and Junior or Senior Standing)
- SPH-Q 400 Introduction to Biostatistical Computing (3 cr.)
- SPH-V 235 Introduction to Public Health Biology (3 cr.)
- STAT-S 303 Applied Stats for Life Sciences (3 cr.) or Approved Statistics Course

Related Content Courses (12 cr.)

A minimum grade of C– is required in each course.

Complete any 12 credits from the following courses:

Mathematics and Statistics

- MATH-M 211 Calculus I (4 cr.)
- MATH-M 212 Calculus II (4 cr.)
- MATH-M 301 Linear Algebra and Applications (3 cr.)

- MATH-M 303 Linear Algebra for Undergraduates (3 cr.)
- MATH-M 311 Calculus III (4 cr.)
- STAT-S 431 Applied Linear Models I (3 cr.)
- STAT-S 432 Applied Linear Models II (3 cr.)

Writing and Public Speaking

- COLL-P 155 Public Oral Communication (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

Behavioral and Community Health

- PSY-P 101 Introduction to Psychology I (3 cr.) **+N&M**
- PSY-P 102 Introduction to Psychology II (3 cr.) **+S&H**
- SPH-B 310 Health Care in Diverse Communities (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.)
- SPH-F 150 Introduction to Lifespan Development (3 cr.) **+S&H**
- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-H 263 Personal Health (3 cr.) **+S&H**
- SPH-E 493 Independent Study in Epidemiology (3 cr.)
- SPH-E 450 Special Topics in Epidemiology (3 cr.)

Topical Health and Health Promotion

- SPH-H 172 International Health and Social Issues (3 cr.)
- SPH-H 235 Obesity and Health (3 cr.) **+S&H**
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 320 The Nature of Cancer Management (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **or** SPH-N 231 Human Nutrition (3 cr.)

Environmental Health

- SPH-V 201 Introduction to Occupational Safety and Health (3 cr.)
- SPH-V 214 Environmental Regulations and Code Compliance (3 cr.)
- SPH-V 215 Food Safety and Sanitation (3 cr.)
- SPH-V 422 Issues in Global Environmental Health (3 cr.)
- SPH-V 450 Understanding & Preventing Environmental Risks to Human Health (P:SPH-E11, Statistics, V342, V343) (3cr.)
- SPH-V460 Capstone: Environmental Health Problem-Solving & Communication (P: SPH-V450) (3 cr.)

International Studies

- INTL-I 202 Global Health and Environment (3 cr.)

Sociology

- SOC-S 358 Social Issues in Health and Medicine (3 cr.)
- SOC-S 370 Research Methods in Sociology (3 cr.)

Pre-Health Professions

Consult with your advisor if you are pre-health to ensure you take the necessary courses.

- BIOL-L 111 Introduction to Biological Evolution and Diversity (4 cr.) **+N&M** or BIOL-L 211 Molecular Biology (3 cr.)
- BIOL-L 112 Foundations of Biology: Biological Mechanisms (4 cr.)
- BIOL-L 113 Biology Laboratory (3 cr.)
- BIOL-M 200 Micro Organisms in Nature and Disease Management (3 cr.)
- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) **+N&M**
- CHEM-C 341 / J 341 Organic Chemistry I Lectures/Control (3 cr.)
- CHEM-C 342 / J 342 Organic Chemistry II Lectures (3 cr.)
- CHEM-C 343 / J 343 Organic Chemistry I Lab (2 cr.)
- CHEM-N 331 Intermediate Inorganic Chemistry Lecture (3 cr.)
- CHEM-N337 Intermediate Inorganic Chemistry Lab (2 cr.)
- PHYS-P 201 General Physics I (5 cr.) **+N&M**
- PHYS-P 202 General Physics II (5 cr.) **+N&M**

+ Courses with an N&M notation may apply toward both major requirements and the general education, natural and mathematical sciences requirement.

+ Courses with an S&H notation may apply toward both major requirements and the general education, social and historical studies requirement.

Suggested Environmental Health Courses for the First-Year Student

Fall Semester

BIOL-L 112 Foundations of Biology: Biologic Mechanisms (4 cr.)
 MATH-M 118 Finite Mathematics (3 cr.)
 Arts and Humanities Elective (3 cr.)
 ENG-W 131 Elementary Composition 1 (3 cr.) or equivalent
 Elective (3 cr.)
 Elective (3 cr.)

Spring Semester

MCSI-M 115 Introduction to Anatomy and Physiology (3 cr.)
 SPH-E 250 Public Health Surveillance and Monitoring (3 cr.)
 World Languages and Culture elective (3 cr.)
 Elective (3 cr.)
 Elective (3 cr.)

Special Opportunities

Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research projects.

Careers

Public interest is increasing the demand for public health professionals. The work of a public health professional is diverse and includes activities such as documenting the spread of disease and illness, developing and managing programs designed to change health-related behaviors,

implementing regulatory initiatives, and working with policy makers to facilitate societal changes that promote well-being. Public health careers can be found in local, state, and federal government; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and with health foundations and health-based grant projects. A public health degree can lead to career such as:

- Biostatistician
- Disease Prevention Manager
- Environmental Health Specialist
- Health Data Analyst
- Health Promotion Specialist
- Maternal and Child Health Specialist
- Public Health Educator
- Public Health Epidemiologist
- Public Health Researcher
- Sexual Health Educator
- Technical Advisor for HIV/AIDS Programs
- Vaccine Advisor and Program Manager
- Youth Tobacco Prevention Coordinator

Bachelor of Science in Health & Wellness Design, Recreational Therapy Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Recreational Therapy (RT) major prepares students to assume positions as recreational therapists. All students graduating from this program are eligible to sit for the National Council on Therapeutic Recreation Certification (NCTRC) examination. The Recreational Therapy program is accredited through the Commission on Accreditation of Allied Health Education (CAAHEP) and the Committee on Accreditation of Recreational Therapy Education (CARTE).

The Bureau of Labor Statistics describes the field of recreational therapy as follows: "Recreational therapists, also referred to as therapeutic recreation specialists, provide treatment services and recreation activities for individuals with disabilities or illnesses. Using a variety of techniques, including arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings, therapists improve and maintain the physical, mental, and emotional well-being of their clients. Therapists help individuals reduce depression, stress, and anxiety; recover basic motor functioning and reasoning abilities; build confidence; and socialize effectively so that they can enjoy greater independence and reduce or eliminate the effects of their illness or disability. In addition, therapists help people with disabilities integrate into the community by teaching them how to use community resources and recreational activities. Recreational therapists are different from recreation workers, who organize recreational activities primarily for enjoyment. In acute healthcare settings, such as hospitals and rehabilitation centers, recreational therapists treat and rehabilitate individuals with specific health conditions, usually in conjunction or collaboration with physicians,

nurses, psychologists, social workers, and physical and occupational therapists. In long-term and residential care facilities, recreational therapists use leisure activities—especially structured group programs—to improve and maintain their clients' general health and well-being. They also may provide interventions to prevent the client from suffering further medical problems and complications."

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Health & Wellness Design with a major in Recreational Therapy. The major prepares students to assume positions as recreation therapy specialists. Using a variety of techniques, including arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings, therapists treat and maintain the physical, mental, and emotional well-being of their clients. Professionals assess individuals' needs, plan, and implement specific interventions to meet those needs, and document and evaluate the effectiveness of the interventions. All students graduating from the major are eligible to sit for the National Council on Therapeutic Recreation Certification (NCTRC) examination. Graduation requirements include:

- completion of general education requirements.
- completion of the Recreational Therapy major requirements.
- a minimum of 120 successfully completed credit hours that count toward the degree program.
- a minimum 2.0 cumulative GPA.
- no pass/fail except for free electives.

General Education (20-39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (68-75 cr.)

A combined 2.0 cumulative GPA in courses used to complete the Anatomy and Physiology requirement, RT Specialization courses, and RT Core courses.

Anatomy and Physiology (3-10 cr.)

Complete one of the following options for Anatomy & Physiology:

OPTION 1: This requirement may be met by completing the following one-course combination of Anatomy and Physiology:

- MSCI-M 115 Introduction to Anatomy and Physiology (3 cr.) **+(N&M)** (3 cr.)

OPTION 2: Alternatively, students may meet this requirement by completing the following individual courses in Anatomy and Physiology:

- ANAT-A 225 Human Anatomy (5 cr.) **+(N&M)** -or- SPH-K 205 Structural Kinesiology (3 cr.) **+(N&M)**
- PHSL-P 225 Human Physiology (5 cr.) **+(N&M)**

Recreational Therapy Specialization (38 cr.)

Complete each of the following courses with a minimum grade of C-:

- SPH-Y 225 Disability, Health, and Function (3 cr.)
- SPH-Y 277 Foundations of Recreational Therapy Practice (3 cr.)

- SPH-Y 378 Recreational Therapy Assessment and Planning (4 cr.) (P: SPH-Y 277)
- SPH-Y 379 Recreational Therapy Facilitation: Techniques and Evaluation (4 cr.) (P: SPH-Y 225 - **and**- SPH-Y 378 -**and**- Recreational Therapy Major)
- SPH-Y 397 Recreational Therapy Internship and Professional Preparation (3 cr.) (P: SPH-Y 277 - **and**- Recreational Therapy Major -**and**- senior)
- SPH-Y 470 Contemporary Issues in Recreational Therapy (3 cr.) (P: SPH-Y 277)
- SPH-Y 472 Recreational Therapy in the Health Care Environment (3 cr.) (P: SPH-Y 378)

Complete each of the following courses:

- PSY-P 101 Introductory Psychology 1 (3 cr.) **+(N&M)**
- PSY-P 102 Introductory Psychology 2 (3 cr.) **+(S&H)** (P: PSY-P 101)
- PSY-P 324 Abnormal Psychology (3 cr.) (P: PSY:P 155 -**or**- PSY-P 101 -**and**- PSY-P 102)
- SPH-F 150 Introduction to Life Span Development (3 cr.) **+(S&H)**
- SPH-K 398 Adapted Physical Activity (3 cr.)

Recreational Therapy Core (27 cr.)

Complete each of the following courses:

- SPH-R 200 Health & Happiness by Design (3 cr.) **+(S&H)**
- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.)
- SPH-R 311 Management in Health & Wellness Design (3 cr.)
- SPH-R 314 Data-Based Decision-Making Methods (3 cr.)
- SPH-R 410 Event Planning and Program Development (3 cr.) (P: junior or senior)
- SPH-R 497 Professional Internship (12 cr.) (P: SPH-R 312 -**and**- 2.0 GPA -**and**- completion of 320 Field Experience Hours)

+ Courses with a N&M notation may apply toward both major requirements and the general education, natural and mathematical sciences requirement.

+ Courses with a S&H notation may apply toward both major requirements and the general education, social and historical studies requirement.

Special Opportunities

The major in recreational therapy provides students with opportunities for direct experience with clients with disabilities. Through class practica, projects, internship opportunities, and field experiences, students learn assessment and evaluation techniques, intervention planning, treatment planning, and intervention techniques. The student Recreational Therapy Club promotes professional development and growth of its majors. Students in both undergraduate and graduate programs have opportunities to participate in faculty research.

Careers

Graduates may assume positions in a variety of settings, such as: hospitals, skilled nursing facilities, community settings, residential programs, schools, adult day programs, chemical dependency units, partial hospitalization programs, psychiatric/behavioral health facilities, memory care environments, physical

rehabilitation clinics, organizations that serve people with developmental disabilities, and others.

Bachelor of Science in Health & Wellness Design, Tourism, Hospitality, and Event Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Tourism, Hospitality, and Event Management (THEM) program prepares students to enter the world's largest and most diverse industry. Tourism is travel for business, recreation, leisure, and wellness. Although the tourism industry includes transportation, travel, and food and lodging, students in this program focus on the marketing and management of tourism facilities and destinations within the context of wellness and public health. Graduates pursue careers in tourism agencies, hotels, hospitals, resorts, convention centers, theme parks, visitor centers, golf courses, cruises, and airlines.

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Health & Wellness Design with a major in Tourism, Hospitality, and Event Management (THEM). It prepares students to become leaders in the tourism industry for a wide range of careers as students develop competencies in administration, budgeting, communications, event planning, marketing, and management. Graduation requirements include:

- completion of general education requirements.
- completion of the Tourism, Hospitality, and Event Management major requirements.
- a minimum of 120 successfully completed credit hours that count toward the degree program.
- a minimum 2.0 cumulative GPA.
- no pass/fail except for free electives.

General Education (20–39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (72 cr.)

A combined 2.0 cumulative GPA in courses used to complete the THEM majors courses, THEM professional courses, and THEM electives.

THEM Major Core Courses (45 cr.) Complete each of the following courses:

- SPH-T 201 Introduction to Tourism, Hospitality, and Event Management Industries (3 cr.)
 - SPH-T 335 Entrepreneurship in Tourism, Hospitality, & Event Management (THEM) (3 cr.)
 - SPH-T 337 Revenue Management in Tourism, Hospitality, & Event Management (THEM) (3 cr.)
 - SPH-T 425 Capstone in Tourism, Hospitality, and Event Management (THEM) (3 cr.) (P: senior)
 - SPH-R 200 Health & Happiness by Design (3 cr.)
- +S&H**

- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.)
- SPH-R 312 Career Perspectives & Internship Preparation (3 cr.) (P: SPH-R 200 **-or-** SPH-B 150 **-or-** SPH-K 150 **-and-** HWD major).
- SPH-R 314 Data-Based Decision-Making Methods (3 cr.)
- SPH-R 388 Experience Marketing (3 cr.)
- SPH-R 414 Legal Aspects in Health and Wellness Design (3 cr.)
- SPH-R 426 Human Resource Management in Health and Wellness Design (3 cr.)
- SPH-R 497 Professional Internship (12 cr.) (P: SPH-R 312 **-and-** 2.0 GPA **-and-** completion of 320 Field Experience Hours)

THEM Professional Courses (18 credit hours) Complete each of the following courses:

- SPH-T 203 Lodging Management (3 cr.)
- SPH-T 302 Mgmt of Food & Beverage Operations (3 cr.)
- SPH-T 311 Convention Management & Meeting Planning (3 cr.) (P: SPH-T 201 **-and-** HWD major or minor)
- SPH-T 323 Festival and Event Design (3 cr.) (P: SPH-T 201 **-and-** HWD major or minor)
- SPH-T 355 Hospitality Bridging Healthcare (H2H) (3 cr.)
- SPH-T 431 Green Operations in Hospitality (3 cr.)

THEM Electives (9 credit hours) Complete three of the following courses:

- SPH-R 311 Management in HWD (3 cr.)
- SPH-R 375 Winery & Food Tourism: Italy (3 cr.) (summer only)
- SPH-R 410 Event Planning & Program Development (3 cr.) (P: junior **-or-** senior)
- SPH-T 211 International Tourism (3 cr.)
- SPH-T 301 Sustainable Tourism (3 cr.)
- SPH-T 336 Systems Integration in Hospitality Business (3 cr.)
- SPH-T 345 Special Event Production and Technology (3 cr.)
- SPH-T 376 Health & Wellness Tourism: Spain (3 cr.) (summer only)
- SPH-T 389 Global Destination Management (3 cr.)
- SPH-T 418 Public Health Issues in Global Travel & Tourism (3 cr.)

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education, social and historical studies requirement.

Special Opportunities

Tourism students can expand their understanding of international tourism and travel through a variety of study abroad programs. Further, internship opportunities allow students to preview their career interests and build a competitive edge within a field of specialization (e.g., hotel/resort management, event planning, destination management, wellness, and public health) prior to graduation.

Careers

Graduates have one of the widest arrays of potential job opportunities. Alumni are employed in sales, food & beverage management, hotel management and sales, catering, merchandising, business development, marketing, brand management, revenue management, and well-being management.

Careers in this field are only limited by the graduate. The skillset developed during their time at Indiana University Bloomington gives them the opportunity to apply these skills in any number of fields. The required final internship and the access to faculty previously employed in management in the industry also help students achieve their career goals.

Undergraduate Academic Programs

Bachelor of Science in Public Health Degree (B.S.P.H.)

Majors:

- Community Health
- Environmental Health
- Epidemiology
- Fitness and Wellness

Bachelor of Science in Applied Health Science Degree (B.S.A.H.S.)

Majors:

- Dietetics
- Human Development and Family Studies
- Nutrition Science
- Safety
- Youth Development

Bachelor of Science in Kinesiology Degree (B.S.K.)

Majors:

- Exercise Science
- Sport Marketing and Management

Bachelor of Science in Health & Wellness Design Degree (B.S.H.W.D.)

Majors:

- Parks, Recreation, & the Outdoors
- Recreational Therapy
- Tourism, Hospitality, and Event Management

SPH Honors Program

- Honors Program

SPH-B Honors Program

- Description of Program
- Admission
- Eligibility
- Honors Program Criteria
- Benefits to Students
- Careers

Description of Program

The School of Public Health-Bloomington Honors Program is dedicated to providing a rich college experience to motivated, academically gifted, and engaged students. By promoting challenging coursework, encouraging leadership and service beyond the classroom, and

providing opportunities for scholarly research, it prepares graduates for excellence in their public health careers.

Admission

Admission to the SPH Honors Program will follow the process below:

- SPH Records Office will send a letter of invitation to all eligible undergraduate students, inviting them to apply to the SPH honors program.
- Students will apply by submitting a formal plan to complete the program with supporting faculty signatures. See instructions under Letter of Intent on the website.
- Students will submit their [letter of intent](#) on the website to their academic advisor and SPH Honors Program Director Kathy Finley (kfinley@iu.edu) for review (e.g., if student meets eligibility).

Eligibility

- Admitted to an SPH major
- 3.7 cumulative GPA at time of admission into Honors Program
- 3.7 cumulative GPA at time of graduation
- In student's final semester, student will initiate meeting with major advisor to ensure that all requirements for the SPH Honors Program have been met or will be completed by May 1st..
- Deadline to submit [Program Checklist](#) to Advisor: December 1st or May 1st.

Honors Program Criteria

*Students must complete **all** of the following four criteria:*

Criterion 1: Completion of 3 credits of SPH honors coursework (which can also count for Hutton Honors courses).

Criterion 2: Completion of an independent research study or project culminating in a paper or poster project.

Criterion 3: Presentation in SPH poster event and/or Departmental Open House or a recognized conference.

Criterion 4: Participation in a credit-bearing field experience or service-learning course, or credit-bearing study abroad or other approved credit-bearing community-engaged learning activity that results in a paper, project, or product.

Benefits to Students

- Recognition of high-impact experiences initiated by student.
- Flexibility to choose desired Honors courses and projects specific to student's area of study.
- Opportunity for community engagement.
- Opportunity for mentorship and/or research with a faculty member and graduate students.
- SPH Honors notation provided on transcript.
- Recognition at graduation (Honors cord).

Careers

The SPH Honors Program provides exemplary education involving research and community engagement in order to prepare graduates so that they can effectively meet the public health needs of individuals and communities.

Bachelor of Science in Health & Wellness Design, Parks, Recreation, Outdoors

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Housed within the Department of Health & Wellness Design, the Parks, Recreation, & the Outdoors (PRO) program prepares professionals to enhance the quality of life of individuals and communities through careers related to parks, recreation, and engagement with the outdoors. With a focus on purposeful design, organizational management, and service delivery, students will learn how to succeed in a wide variety of settings in the public, non-profit, and private sectors. All of this is developed under the umbrella of public health to amplify the covenants of social justice, equity, access, and most of all: the pursuit of happiness.

Quality courses with a small faculty/student ratio and varied fieldwork opportunities assure our students an outstanding, applied, engaging educational experience.

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Health & Wellness Design with a major in Parks, Recreation, & the Outdoors. Graduation requirements include:

- completion of general education requirements.
- completion of Parks, Recreation, & the Outdoors major requirements.
- a minimum of 120 successfully completed credit hours that count toward the degree program.
- a minimum 2.0 cumulative GPA.
- no pass/fail except for free electives.

General Education (20-39 credits)

All undergraduate students must complete the [IU Bloomington General Education Common Ground Requirements](#).

Major (75 cr.)

A combined 2.0 cumulative GPA in courses used to complete the PRO Focus Area, Required Core Courses, and Professional Electives.

Parks, Recreation, & the Outdoors Focus Area (24 cr.)

Complete each of the following courses:

- SPH-R 101 Resource Development & Fundraising (3 cr.)
- SPH-R 220 Foundations of Parks, Recreation & the Outdoors (3 cr.)
- SPH-R 221 Creating Sense of Place through Design (3 cr.)
- SPH-R 414 Legal Aspects of Recreation (3 cr.)
- SPH-O 244 Natural History & Field Ecology (3 cr.)
- SPH-O 340 Interpretation & Tour Guiding (3 cr.)
- SPH-O 360 Human Health & Natural Environments (3 cr.)

- SPH-O 413 Applications in Outdoor Recreation, Parks, & Human Ecology (3 cr.) (P: PRO Major or Minor)

Required Core Courses (30 cr.) Complete each of the following courses:

- SPH-R 200 Health & Happiness by Design (3 cr.) **+S&H**
- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.)
- SPH-R 311 Management in Health & Wellness (3 cr.)
- SPH-R 312 Career and Internship Preparation (3 cr.) (P: SPH-R 200 **-or-** SPH-B 150 **-or-** SPH-K 150) (P: Parks, Recreation, & the Outdoors Major or Minor)
- SPH-R 314 Data-Based Decision-Making Methods (3 cr.)
- SPH-R 410 Event Planning & Program Development (3 cr.) (P: junior **-or-** senior)
- SPH-R 497 Professional Internship (12 cr.) (P: SPH-R 312 **-and-** 2.0 GPA **-and-** completion of 320 Field Experience Hours)

Professional Electives (21 cr.) Complete 21 credits from the list below:

- SPH-O 214 Wildflowers & Wild Edibles (3 cr.)
- SPH-O 279 Outdoor Adventure Education (3 cr.)
- SPH-O 305 Integrated Resource Management (3 cr.)
- SPH-O 310 Ecosystem Management (3 cr.)
- SPH-O 313 Wilderness and Protected Lands (3 cr.)
- SPH-O 318 Outdoor Recreation Consortium (3 cr.)
- SPH-O 324 Outdoor Experiential Educ. Instructional Techniques (3 cr.)
- SPH-O 341 Field Techniques in Environmental Education (3 cr.)
- SPH-B 310 Healthcare in Diverse Communities (3 cr.)
- SPH-B 366 Community Health (3 cr.)
- SPH-K 200 Computer Technology in Public Health (3 cr.)
- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- SPH-M 328 Issues in Intercollegiate Athletics (3 cr.)
- SPH-M 333 Sport in America: Historical Perspective (3 cr.)
- SPH-M 382 Sport in American Society (3 cr.)
- SPH-M 426 Sales Management in Sport (3 cr.)
- SPH-R 230 Recreational Sports Programming (3 cr.)
- SPH-R 235 Sport and Violence (3 cr.)
- SPH-R 250 Topics in Recreation, Park, and Tourism Studies (1-3 cr.)
- SPH-R 321 Aquatic Management (3 cr.)
- SPH-R 350 Seminar in Recreation & Parks (1-3 cr.)
- SPH-R 388 Experience Marketing (3 cr.)
- SPH-R 391 Readings in RPTS (1-3 cr.)
- SPH-R 395 Practicum in RPTS (1-6 cr.)
- SPH-R 413 Fiscal Management of Leisure Service Orgs (3 cr.)
- SPH-R 426 Human Resource Management in Health and Wellness Design (3 cr.)
- SPH-R 431 Youth Sport Management (3 cr.)

- SPH-R 484 Workshop in Recreation, Park, and Tourism Studies (1-6 cr.)
- SPH-R 492 Research in Recreation, Park, and Tourism Studies (1-3 cr.)
- SPH-T 302 Management of Food & Beverage Operations (3 cr.)
- SPH-T 323 Festival and Event Management (3 cr.) (P: SPH-T 201)
- SPH-W 305 Introduction to Outdoor Leadership (3 cr.)
- SPH-W 331 Wilderness First Responder (3 cr.)
- SPH-Y 225 Disability, Health, and Function (3 cr.)

+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education, social and historical studies requirement.

Special Opportunities

During the course of study, students have the opportunity to work and train in a variety of professional public, non-profit, private, and community settings. Through course practicums, projects, field experiences, and a culminating internship, students acquire leadership, management, programming, marketing and evaluation, legal, and communication skills. The department boasts more than 75 years as a leader in the field with a wide network of alumni to support deep connections and options for career placement.

Careers

According to the National Recreation and Park Association, a career in Parks, Recreation, & the Outdoors (PRO) means enhancing the quality of life for all people through advancing environmental conservation efforts, social equity, and health and wellness. The job outlook for PRO graduates is excellent. The U.S. Department of Labor Bureau of Labor Statistics indicated in 2019 that employment of recreation workers is projected to grow 10 percent by 2029, much faster than the average for all occupations. As more emphasis is placed on the importance of lifelong well-being, more recreation workers will be needed to work with children and adults in a variety of settings. The Department of Health & Wellness Design prepares a monthly nationwide listing of jobs in the field, which totals more than 1,500 potential positions for graduates annually.

A large number of transferable skills are developed through the PRO program, including personnel, facility, site, financial/fiscal, and natural resource management, to public communication and research methods. PRO students also develop skills in promoting justice, equity, diversity, accessibility, and inclusion in the sites where they work. These skills prepare students for a wide range of careers.

Many PRO graduates go on to pursue advanced degrees including the following: Master of Science (M.S.) in Recreation with options in Outdoor Recreation or Recreation Administration; Master of Public Health (M.P.H) with a focus on Parks, Recreation, & the Outdoors; and the Doctor of Philosophy (Ph.D.) in Leisure Behavior.

Careers could be centered around:

- Parks & the Outdoors

- Park and Protected Area Manager (municipal, state, national), Park Ranger/Specialist (Resource Management, Interpretation & Education; Visitor & Resource Protection, Healthy Parks/Healthy People), Trail Planner, Ecological Restoration Specialist, Wildland Firefighter/Fire Effects Monitor, Visitor Wellness Specialist, Conservation Officer, Adventure Educator, Outdoor/Environmental Educator, Naturalist (private, public, or non-profit sector), Wilderness Guide.

Recreation

- City Parks and Recreation Director, Summer Residential Camp Director, Youth Recreation Specialist, Recreation Facility Manager, Community Specialist, Community Special Events Manager, Aquatics Manager/Director, Community Recreation Health and Wellness Coordinator, Sport Facility Manager, Event Manager, Military Recreation Personnel, Recreation Manager/Supervisor, Youth and Adult Sports Program Director, Campus Recreation Administrator, Afterschool and Day Camp Director, Community Farmers' Market Director.

BSAHS Dietetics BS – Nutrition & Dietetics MS

BSAHS Dietetics BS – Nutrition & Dietetics MS

Accelerated Pathway in Dietetics (Bachelor of Science in Applied Health Science, Dietetics, + Master of Science in Applied Health Science, Nutrition & Dietetics)

- Description of Program
- Degree Requirements
- Outcomes
- Careers

Description of Program

The Accelerated Master's Pathway in Dietetics (AP) was developed for IU dietetics students seeking to become Registered Dietitian Nutritionists (RDNs). The AP combines the ACEND-accredited four-year undergraduate Bachelor of Science in Applied Health Science, Dietetics, degree with the two-year Master of Science in Applied Health Science, Nutrition & Dietetics, degree. The result is a pathway that enables enrolled AP students to complete both a B.S. and an M.S. degree in five years instead of the usual six years. The one-year savings of time and expense is possible because of four overlap courses that count toward both degrees.

Interested students already admitted to IUB as dietetics majors can apply to the AP during their junior year. A minimum GPA of 3.2 is preferred. Applicants must also meet requirements for the M.S. degree.

IU offers the AP in dietetics as an investment in the future of students seeking careers as RDNs, the credentialed professional in the field of dietetics. There are multiple steps to becoming an RDN:

1. Obtain the minimum of a master's degree.

2. Fulfill dietetics educational requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). These requirements can be completed at the undergraduate or graduate level of study.
3. Complete a supervised practice experience through an ACEND-accredited institution.
4. Take and pass the national RD exam.

Note: While degrees earned may be in any field of study, dietetics coursework and supervised practice must be completed through an ACEND-accredited institution.

The undergraduate dietetics major provides the educational foundation for students seeking careers as RDNs; adding the graduate degree enables AP graduates to complete the first two steps toward RD exam eligibility while at IUB. AP students pay undergraduate tuition for the four overlap courses, which are graduate courses taken by AP students while they are still undergraduates. AP students complete the bachelor's degree with the rest of the senior class, then complete the master's degree in one additional year. Graduates who successfully complete the AP at Indiana University are eligible to apply to an ACEND-accredited supervised practice program, after which they can take the national RD exam.

Degree Requirements

AP students complete the same four-year program leading to a Bachelor of Science in Applied Health Science, Dietetics, degree except that the four overlap courses are taken as 500-level graduate courses instead of the usual 400-level courses taken by undergraduates. AP students complete a minimum of 138 credits for both degrees.

Graduation requirements for the B.S. degree include:

- completion of general education requirements established by IU
- completion of dietetics major requirements
- a minimum of 120 successfully completed credit hours that count toward the undergraduate degree program
- a minimum 2.0 cumulative GPA
- No Pass/Fail courses except for free electives

During their senior year, AP students are matched with graduate faculty who will serve as advisors for the non-thesis project required for the master's degree. Completion of a research thesis is also possible, but completion of the master's degree might then take longer than one additional year.

Graduation requirements for the M.S. degree include:

- completion of a minimum of 30 graduate credit hours
- a minimum 3.0 cumulative grade point average
- a minimum grade of C in each required course

General Education (20 – 39 credits)

All undergraduate students must complete the IU Bloomington campus-wide general education common ground requirements. Such students must visit the <https://bulletins.iu.edu/iub/educ-ugrad/2024-2025/programs/index.shtml> to view these requirements.

Major (94 cr.)

Dietetics Core (53 cr.)

A minimum grade of C– is required in each professional core course.

Complete each of the following courses:

- SPH-N 120 Introduction to Foods (3 cr.) (P: Dietetics or NS major)
- SPH-N 231 Human Nutrition (3 cr.) **+N&M** (R: CHEM-C 101 or equivalent and a course in Biology)
- SPH-N 301 Methods of Nutritional Assessment (3 cr.) (P: SPH-N 231)
- SPH-N 320 Food Chemistry (3 cr.) (P: SPH-N 120, CHEM-C 117, R: CHEM-R 340/C 341)
- SPH-N 321 Quantity Food Purchasing and Production (4 cr.) (P: SPH-N 120, Dietetics major, Senior Standing or permission of instructor)
- SPH-N 322 Management Systems in Dietetics (3 cr.) (P: SPH-N 321, Dietetics major)
- SPH-N 325 Food Chemistry Laboratory (3 cr.) (R or C: SPH-N 320)
- SPH-N 331 Life Cycle Nutrition (3 cr.) (R: SPH-N 220 or N 231)
- SPH-N 336 Public Health Nutrition (3 cr.) (P: SPH-N 231)
- SPH-N 401 Issues in Dietetics (1 cr.) (P: Dietetics senior)
- SPH-N 416 Nutrition Counseling and Education (3 cr.) (P: Dietetics major, SPH-N 431)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-N 480 Mech of Nutrient Action (3 cr.) or BIOL-L312

Overlap courses (12 cr.)

- SPH-N 530 Advanced Nutrition I (3 cr.) (P: SPH-N 231, CHEM-C 341/R 340)
- SPH-N 531 Medical Nutrition Therapy (3 cr.) (P: SPH-N 231, ANAT-A 225, PHSL-P 225, P or C: CLAS-C 209)
- SPH-N 532 Advanced Nutrition II (3 cr.) (P: SPH-N 530)
- SPH-N 533 Medical Nutrition Therapy Application (3 cr.) (P: SPH-N 531)

Additional Major Courses (41 cr.)

A minimum grade of C– is required in each pertinent major course, except CHEM-C 117 and CHEM-C 127, which each require a minimum grade of C for admission to the dietetics program.

Complete each of the following courses:

- ANAT-A 225 Basic Human Anatomy (5 cr.) **+N&M**
- BIOL-M 200 Microorganisms in Nature and Disease (3 cr.)
- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) (minimum grade of C required for admission) **+N&M**
- CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.) (minimum grade of C required for admission) **+N&M**
- CHEM-R 340 Survey of Organic Chemistry (3 cr.) **or** CHEM-C 341 Organic Chemistry Lecture I (3 cr.)
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)

- COLL-P 155 Public Oral Communication (3 cr.)
- SPH-H 350 Writing in Public Health (3 cr.) **or** ENG-W 231 Professional Writing Skills (3 cr.)
- PHSL-P 225 Basic Human Physiology (5 cr.) **+N&M**
- PSY-P 101 Introductory Psychology 1 (3 cr.) **+N&M**
- PSY-P 325 Psychology of Learning (3 cr.) **or** PSY-P 335 Cognitive Psychology (3 cr.) **or** EDUC-P 254 Educational Psychology for Teachers - All Grades (3 cr.)
- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) **or** MATH/PSY-K 300 Statistical Techniques (3 cr.)

+ Courses with an N&M notation apply toward both major requirements and the natural and mathematical sciences general education requirement. These count in both places.

Additional courses to complete the Master's degree (18 cr.)

Public Health core courses (6 cr.)

- SPH-E 680 Nutritional Epidemiology or SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)

Complete two of the following Elective courses (6 cr.)

- SPH-N 617 Communication of Nutrition Science to Diverse Audiences (3 cr.)
- SPH-N 602 Food and Nutrition Policy and Regulations (3 cr.)
- ANTH-E 621 Food and Culture or other Food Studies graduate course (3 cr.)
- SPH-H 522 Promoting Women's Health or other Maternal Child Health graduate course (3 cr.)
- SPH-B 589 Theories and Conceptual Frameworks in Public Health (3 cr.)
- SPH-N 600 Nutrigenomics (P: CHEM-C 483 OR SPH-N 530) (3 cr.)
- SPH-N 601 Phytonutrients (P: SPH-N 532 or concurrent or permission of instructor) (3 cr.)
- SPH-N 620 Nutrition in Sports (3 cr.)

Complete one of the following six-credit research options (6 cr.):

Complete the following six-credit combination of courses (6 cr.)

- SPH-N 691 Readings in Nutrition Science (3 cr.) **or** SPH-N 539 Special Problems: Nutrition & Food Science (3 cr.)
- SPH-N 692 Research in Nutrition Science (3 cr.)

OR Complete a master's thesis.

- SPH-H 599 Master's Thesis (6 cr.)

Outcomes

The AP is too new to report post-graduation outcomes. However, the undergraduate dietetics program has strong outcomes, with a 93% placement rate of alums into supervised practice programs and >95% one-year

passage rate on the national RD exam since the year 2000.

Careers

RDNs may work in clinical settings such as hospitals, long term care facilities, nutrition clinics, or private practice; serve on a health care team; or work one-on-one with people in the treatment and prevention of disease. Community-based RDNs counsel individuals and groups on nutritional practices designed to prevent disease and promote health. Management RDNs often oversee large-scale meal planning and preparation in health care facilities, schools, universities, restaurant chains, or private industry. A growing number of RDNs work in business, journalism, marketing, sports nutrition, and corporate wellness programs. Dietitians who enjoy research may lead or consult on clinical research studies within academic centers, medical facilities, or governmental organizations, or they may prefer the food industry, where they can research and develop food products, services, or educational programs. With advanced degrees, dietitians may pursue careers in higher education.

Accelerated Programs

- BSAHS Dietetics BS - Nutrition & Dietetics MS

Coaching

Admission

Students wanting to declare this minor may do so in one of two ways:

- SPH students: complete the [Declaration of Undergraduate Minor or Certificate Form](#).
- All other students: contact the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

[Students considering this minor may schedule an appointment with an SPH-B academic advisor. School of Public Health-Bloomington Student Services Suite1025 E. Seventh StreetBloomington, IN 47405-7109812-855-2032sphadvr@indiana.edu](#)

Requirements

This undergraduate minor program is intended for students in degree programs who wish to add a coaching specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- 9 credits must be at the 300/400 level
- a minimum grade of C- is required in each minor course.
- a minimum cumulative minor GPA of 2.0.
- no course in this minor may be taken under the Pass/Fail Option.

Required Core Courses (6 cr.):

Complete 2 of the following courses:

- SPH-K 335 Theories of Conditioning for Coaching (3 cr.) (Fall only)
- SPH-K 350 Championship Coaching Principles (3 cr.) (Fall and Spring)
- SPH-K 435 Philosophical Foundations of Coaching (3 cr.) (Spring only)

Elective Courses (9 cr.):

Select and complete nine *credits from the following*. At least three credits must be from the 300-400 level.

- SPH-A 361 Coaching of Football (2 cr.) (Spring only)
- SPH-A 362 Coaching of Basketball (2 cr.) (Fall only)
- SPH-A 363 Coaching of Baseball (2 cr.) (Fall only)
- SPH-A 370 Coaching of Soccer (2 cr.) (Spring only)
- SPH-A 483 Sports Officiating (1 cr.) (usually basketball, track & field, or softball)
- SPH-K 280 Principles of Athletic Training and Emergency Care (2 cr.) **or** SPH-H 160 First Aid and Emergency Care (3 cr.)
- SPH-K 316 Theories of Advanced Conditioning (2 cr.) (Fall only)
- SPH-K 317 Theory and Practice of Resistance Training (2 cr.) (Spring only)
- SPH-K 335 Theories of Conditioning for Coaching (3 cr.) (Fall only) (If not taken to complete the core requirement hours.)
- SPH-K 350 Championship Coaching Principles (3 cr.) (Fall and Spring) (If not taken to complete the core requirement hours.)
- SPH-K 405 Introduction to Sport Psychology (3 cr.)
- SPH-K 435 Philosophical Foundations of Coaching (3 cr.) (Spring only) (If not taken to complete the core requirement hours.)
- SPH-K 455 Practicum in Coaching (1-3 cr.)
- SPH-L 102 Participant Leadership Development (1 cr.)
- EDUC-G 207 Introduction to Student-Athlete Counseling Psychology (3 cr.)
- SPH-R 230 or SPH-K 206 Recreational Sport Programming (3 cr.)
- SPH-R 431 Youth Sport Management (3 cr.)

Epidemiology

Admission

Students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street

Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs outside the epidemiology major, who wish to add an epidemiology specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Required Foundational Courses (6 cr.):

Complete each of the following courses:

- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-Q 381 Introduction to Biostatistics (3 cr.)

Epidemiology Elective Courses (9 cr.)

Complete three of the following courses:

- SPH-E 250 Public Health Surveillance and Monitoring (3 cr.)
- SPH-E 350 Infectious Diseases: Outbreaks and Field Investigations (3 cr.)
- SPH-E 353 Distribution and Determinants of Chronic Diseases (3 cr.)
- SPH-E 358 Epidemiologic Methods: Concepts (3 cr.)
- SPH-E 359 Epidemiologic Methods: Applications (3 cr.)
- SPH-Q 400 Introduction to Biostatistical Computing (3 cr.)

Event Planning

Admission

Students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than the those with a major in Tourism, Hospitality, and Event Management. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each course used in this minor.

(Note: No course in this minor may be taken under the Pass/Fail Option.)

Event Planning Core Courses (12 cr.)

Complete each of the following courses:

- SPH-T 201 Introduction to Tourism, Hospitality, & Event Management Industries (3 cr.)
- SPH-T 311 Convention Management and Meeting Planning (3 cr.)
- SPH-T 323 Festivals and Event Management (3 cr.)
- SPH-T 345 Special Event Production (3 cr.)

Event Planning Elective Courses (3 cr.)

Complete one course from the following list:

- MSCH-A 320 Principles of Creative Advertising (3 cr.)
- MSCH-C 207 Introduction of Media Industry & Management (3 cr.)
- SPEA-A 354 Arts Marketing Fundamentals (3 cr.)
- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPH-R 230 Recreational Sport Programming (3 cr.)
- SPH-R 375 Winery and Food Tourism (3 cr.)
- SPH-R 388 (Formerly SPH-R 412) Marketing for Leisure Services (3 cr.)
- SPH-R 410 Event Planning & Program Development (3 cr.)
- SPH-R 414 Legal Aspects of Recreation (3 cr.)
- SPH-T 203 Principles of Lodging Management (3 cr.)
- SPH-T 211 International Tourism (3 cr.)
- SPH-T 267 Theme Park Leadership Strategies (3 cr.)
- SPH-T 335 Entrepreneurship in Tourism, Hospitality and Events (3 cr.)

Exercise Science

Admission

Students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Student Services Suite
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812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than the exercise science major, who wish to add an exercise science specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- College of Arts and Sciences students completing this minor must earn a minimum grade of C- in each course used in the minor.

Note: No course in this minor may be taken under the Pass/Fail Option.

Exercise Science Core Course (3 cr.)

Complete the following course:

- SPH-K 212 Introduction to Exercise Science (3 cr.)
N&M

Exercise Science Elective Courses (12 cr.)

Complete 12 credits from the following courses:

- SPH-K 205 Structural Kinesiology (3 cr.) **N&M** or ANAT-A 215 (5 cr.) **N&M**
- SPH-K 305 Mechanical Basis of Human Movement (3 cr.)
- SPH-K 391 Biomechanics (3 cr.)
- SPH-K 398 Adapted Physical Activity (3 cr.)
- SPH-K 405 Introduction to Sport Psychology (3 cr.)
- SPH-K 409 Basic Physiology of Exercise (3 cr.)
- SPH-K 452 Motor Learning (3 cr.)
- SPH-K 490 Motor Development and Learning (3 cr.)

Fitness Instruction

Admission

Students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

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Requirements

This undergraduate minor program is intended for students in degree programs other than the health fitness specialist major, who wish to add a fitness instruction specialty to their studies. This minor requires:

- successful completion of 18 to 22 credit hours as prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each minor course.

Note: No course in this minor may be taken under the Pass/Fail Option.

Fitness Instruction Minor (18–22 credits):

Required Core Courses (12–16 credits):

Complete each of the following courses:

- MSCI-M 115 Introduction to Anatomy and Physiology (3 cr.) **+N&M --or--** PHSL-P 215 Basic Human Physiology (5 cr.) **+N&M**
- SPH-K 205 Structural Kinesiology (3 cr.) **+N&M --or--** ANAT-A 215 Basic Human Anatomy (5 cr.) **+N&M**
- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- SPH-K 319 Physical Activity/Exercise Leadership (3 cr.) (recommended prerequisites: SPH-K 205 or ANAT-A 215, SPH-K 216)

Specialized Electives (6 credits):

Complete 6 credits from the following courses:

- SPH-K 327 Behavioral Aspects of Physical Activity and Exercise (3 cr.)
- SPH-K 416 Physical Activity/Fitness Administration (3 cr.)
- SPH-K 417 Physical Activity and Disease (recommended prerequisite: SPH-K 409)
- SPH-K 419 Fitness Testing and Interpretation (recommended prerequisite: SPH-K 409)
- SPH-K 492 Research in Kinesiology (1-3 cr.)
- SPH-K 496 Lab Assisting or Field Experience in Sport and Kinesiology (1-3 cr.)

Notes:

Current CPR certification is required for students to sit for a national certification examination. Certification in CPR is only acceptable from the American Red Cross, the American Heart Association, or the National Safety Council.

+ Courses followed by the N&M notation may apply to both the minor requirements and to the general education, natural and mathematical sciences requirement for bachelor's degree students.

Environmental Health

Admission

Undergraduate students may earn this minor in addition to the baccalaureate degree. A student who decides to pursue this minor should visit <https://publichealth.indiana.edu/undergraduate/minors-cert.html> to declare it. Alternatively, the student may visit the records office of his or her degree-granting school/unit to have this minor officially added as an academic objective. Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Ordinarily minors may be discussed and approved during drop-in advising hours. For drop-in advising hours and instructions for making an appointment, if desired, see the SPH Academic Advising website: publichealth.indiana.edu/student-portal/advising/index.html.

The faculty director for this minor is Dr. Lisa Kamendulis, lkamendu@indiana.edu.

Requirements

This undergraduate minor program is intended for students in programs other than the BSPH in Environmental Health degree program, who wish to add an environmental health specialty to their studies. This minor requires:

- successful completion of **15 credit hours** prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each minor course.

Note: No course in this minor may be taken under the Pass/Fail Option.

Required Foundational Environmental Health Courses- (6 cr.):

Complete the following courses (no substitutions allowed):

- SPH-V 241 Foundations of Environmental Health (3 cr.) **+N&M**
- SPH-V 235 Introduction to Health Biology (3 cr.) **+N&M**

Environmental Health Elective Courses (9 cr.):

Complete three courses from the following:

- SPH-V 201 Introduction to Occupational Safety and Health (3 cr.)
- SPH-V 215 Food Pathogens, Toxins and Surveillance (3 cr.)
- SPH-V 230 One Health: The Intersection of Human, Animal, and Environment (3 cr.)
- SPH-V 250 Current Topics in Environmental & Occupational Health (3 cr.)

- SPH-V 342 Introduction to Toxicology (P: BIOL-L 112; L 113; CHEM-C 117 & C 127; ANAT-A 215 & PHSL-P 215, or MSCI-M 115; SPH-V 235 or BIOL-L 211; SPH-V 241) (spring only) (3 cr.)
- SPH-V 343 Environmental Sampling & Analysis (P: BIOL-L 112; L 113; CHEM-C 117 & C 127; PHYS-P 101 or P 201; SPH-V 235 or BIOL-L 211) (fall only) (3 cr.)
- SPH-V360 Environmental Justice (3 cr.)
- SPH-V 422 Issues in Global Environmental Health: Investigations & Interventions (3 cr.)
- SPH-V 350 Current Topics in Environmental and Occupational Health (3 cr.)
- SPH-V 492 Research in Environmental Health (3 cr.)
- _____ Any other 300 or 400 level Environmental Health course approved by the Director of Undergrad Studies or SPH advisor (3-6 cr.)

+ Courses followed by the N&M notation may apply to both the minor requirements and to the general education, natural and mathematical sciences requirement for bachelor's degree students.

Note: Students are responsible for checking with their degree-granting school/unit to determine whether this minor may be officially recorded on the transcript. The various schools on the Bloomington campus may limit the number of credit hours outside their school that will count toward a degree. Students should check with an advisor in their school for information about minor rules.

Global Health Promotion

Description of Program

The need for coordinated approaches to global health issues has never been more apparent. Improving health outcomes for people around the globe supports political stability and economic growth for all. Students earning this minor explore how nations work together to improve health and health equity for all. Coursework focuses on identifying and measuring global threats to health, health disparities, and the solutions to improve the health of people where they live, work, and play.

Admission

Undergraduate students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- By contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs who wish to add a Global Health Promotion specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Global Health Promotion Core Courses (12 cr.)

Complete each of the following courses:

- SPH-B 310 Public Health in Diverse Communities (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-H 172 International Health and Social Issues (3 cr.) **+S&H**
- SPH-H 319 Global Health Promotion (3 cr.)

Global Health Promotion Elective Course (3 cr.)

Complete one of the following courses:

- SPH-B 150 Introduction to Public Health (3 cr.)
- SPH-B 335 Aging Health, and Diverse Populations (3 cr.)
- SPH-H 445 Travel Study (3 cr.)
- SPH-N 331 Life Cycle Nutrition (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Health Studies

Health Studies undergraduate minor
Health Studies-Minor suspended as of Spring 25. If interested in this minor please check out the Public Health Minor as it is very similar.

Program Description

There is a growing need for professionals with training in health and public health. Six of the ten fastest-growing occupations are in health-related fields, according to The Department of Labor Statistics. Students earning this minor will be prepared contribute to the workforce dedicated to improving health and health outcomes, addressing disparities, and achieving health equity for all. The flexible curriculum allows for students to customize the Health Studies minor to achieve personal and professional goals.

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>

- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

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Requirements

This undergraduate minor program is intended for students in degree programs other than the B.S. in Public Health degree program, who wish to add a health studies specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Health Studies Core Courses (6 cr.)

Complete each of the following courses:

- SPH-H 263 Personal Health (3 cr.) **+S&H**
- SPH-H 319 Global Health Promotion (3 cr.)

Health Studies Electives at the 300/400-Level (6 cr.)

Compete a minimum of 6 credits from the following courses. It is recommended, but not required, that both 300/400 elective courses be completed in one of the following concentrations.

Family Health

- SPH-B 315 Health in the Later Years (3 cr.)
- SPH-F 341 Today's Families: Understanding Change in Family Dynamics (3 cr.)
- SPH-F 345 Parents, Parenting, and Children (3 cr.)

Health Epidemics

- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-H 418 The Nature of Addiction (3 cr.)

Intentional and Unintentional Injuries

- SPH-H 401 Emergency Medical Technician (3 cr.)
- SPH-H 460 Practicum in First Aid Instruction (3 cr.)

Sexual Health

- SPH-H 350 Topical Seminar in Health Promotion, TOPIC: Prevention of Birth Defects (3 cr.)
- SPH-H 305 Women's Health (3 cr.)

- SPH-H 306 Men's Health (3 cr.)

Health Studies Electives at the 100/200-Level (3 cr.)

Compete either 3 credits from the following courses, or an additional 3 credits from the list of 300/400-level courses listed above. It is recommended, but not required, that your 3-credit elective course choice from the following list, or from above, be completed in the same concentration which was chosen above.

Family Health

- SPH-H 150 Children's Health Up to Age 5 (3 cr.)
- SPH-H 220 Death and Dying (3 cr.) **+S&H**
- SPH-N 220 Nutrition for Health (3 cr.)

Health Epidemics

- SPH-H 235 Obesity and Health (3 cr.) **+S&H**

Intentional and Unintentional Injuries

- SPH-H 160 First Aid and Emergency Care (3 cr.)
- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+S&H**
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-S 217 Safety: A Personal Focus (3 cr.)

Sexual Health

- SPH-F 255 Human Sexuality (3 cr.) **+S&H**

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Hospitality Services

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

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Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Requirements

This undergraduate minor program is intended for students in degree programs other than those with a major

in Tourism, Hospitality, and Event Management. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each course used in this minor.

(Note: No course in this minor may be taken under the Pass/Fail Option.)

Hospitality Services Core Courses (12 cr.)

Complete each of the following courses:

- SPH-T 203 Principles of Lodging Management (3 cr.)
- SPH-T 302 Management of Food & Beverage Operations (3 cr.)
- SPH-T 336 Systems Integration in Hospitality (3 cr.)
- SPH-T 431 Green Operations in Hospitality Services (3 cr.)

Hospitality Services elective course: (3 credits):

Complete one course from the following list:

- SPH-T 201 Intro to THEM Industries (3 cr.)
- SPH-T 211 International Tourism (3 cr.)
- SPH-T 276 Theme Park Leadership Strategies (3 cr.)
- SPH-T 323 Festival and Event Management (P: SPH-T 201 and official minor) (3 cr.)
- SPH-T 335 Entrepreneurship in Tourism, Hospitality and Events (3 cr.)
- SPH-T 375 Winery and Food Tourism (3 cr.)
- SPH-R 388 Marketing for Leisure Services (3 cr.)
- SPH-R 410 Event Planning & Program Development (3 cr.)
- SPH-R 414 Legal Aspects of Recreation (3 cr.)

Human Development and Family Studies

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Requirements

This undergraduate minor program is intended for students in degree programs other than the human development and family studies major, who wish to add this specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Human Development and Family Studies Core Courses (6 cr.):

Complete the following two courses:

- SPH-F 150 Introduction to Life Span Development (3 cr.) **+S&H**
- SPH-F 258 The Ties That Bind: Relationships, Marriage, and the Family (3 cr.) **+S&H**

Human Development Elective Course (3 cr.)

Complete one of the following courses:

- SPH-F 346 The Prenatal Period Through Early Childhood - Human Development I (3 cr.)
- SPH-F 347 Middle, Childhood Through Adolescence - Human Development II (3 cr.)
- SPH-F 348 Early Through Late Adulthood - Human Development III (3 cr.)

Human Development and Family Studies Elective Courses (6 cr.)

Complete two of the following courses:

- SPH-F 341 (3 cr.) Today's Families, Understanding Change in Family Dynamics
- SPH-F 345 Parents, Parenting, and Children (3 cr.)
- SPH-F 370 Family Health and the Media (3 cr.)
- SPH-F 417 African American and Latino Families (3 cr.)
- SPH-F 457 Protective Factors, Resilience, and Stress in the Family (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Human Sexuality

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

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Requirements

This undergraduate minor program is intended for students in degree programs who wish to add the study of human sexuality. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Human Sexuality Core Courses: (12 cr.)

Complete each of the following courses:

- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 395 Practicum in Sexual and Reproductive Health Education (3 cr.)

Human Sexuality Elective Courses (3 cr.)

Complete one of the following elective courses:

- SPH-H 326 AIDS and Other Sexually Transmitted Diseases (3 cr.)
- SPH-H 330 Teaching Sexuality Education in Diverse Settings (3 cr.)
- SPH-B 491 Readings in Public Health Education (3 cr.)
- SPH-B 492 Research in Public Health Education (3 cr.)
- GNDR-G 225 Gender, Sexuality, and Popular Culture (3 cr.)
- GNDR-G 250 Race, Sexuality, and Culture (3 cr.)
- GNDR-G 335 Explaining Sex/Gender Differences (3 cr.)
- SOC-S 321 Sexual Diversity (3 cr.)
- SOC-S 422 Constructing Sexuality (3 cr.)
- A 3 credit 300 or 400-level sexually related course from Criminal Justice, Gender Studies, Sociology, or other College of Arts and Sciences academic department approved by the student's Department of Applied Health Science minor advisor (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Minors

- Coaching
- Environmental Health
- Epidemiology
- Event Planning
- Exercise Science
- Fitness Instruction
- Global Health Promotion
- Health Studies
- Health, Identity, and Social Justice
- Healthy Aging
- Hospitality Services
- Human Development and Family Studies
- Human Sexuality
- Kinesiology
- Maternal and Child Health
- Nutrition
- Obesity and Health
- Outdoor Recreation, Parks, and Human Ecology
- Parks and Recreation Administration
- Personal Well-Being
- Public Health
- Recreational Sport Management
- Safety
- Sport Marketing and Management
- Tourism, Hospitality, and Event Management
- Youth Development

Kinesiology

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

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Requirements

This undergraduate minor program is intended for students in degree programs outside the Department of Kinesiology, who wish to add a kinesiology specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.

- a minimum grade of C in each course required

Note: No course in this minor may be taken under the Pass/Fail Option.

Required Class:

- SPH-I 119 Personal Fitness & Wellness (3 cr.) -or- K216 Foundations of Physical Activity and Public Health (3 cr.)

Choose 12 hours from the following courses in any combination within and across topic areas. At least nine hours must be from the 300-400 level.

Exercise Science

- SPH-K 205 Structural Kinesiology (3 cr.) (N&M)
- SPH-K212 Introduction to Exercise Science (3 cr.) (N&M)
- SPH K305 Mechanical Basis of Human Movement (3 cr.)
- SPH-K 391 Biomechanics (3 cr.)
- SPH-K 405 Introduction to Sport Psychology (3 cr.)
- SPH-K 409 Basic Physiology of Exercise (3 cr.) (P: ANAT-A 215 or SPH-K 205; PHSL-P 215)
- SPH-K 412 Exercise in Health and Disease (3 cr.) (P: P409 and PHSL-P215)
- SPH-K 450 Special Topics in Kinesiology (1-3 cr.)
- SPH-K 452 Motor Learning (3 cr.)
- SPH-K 490 Motor Development and Learning (3 cr.)

Fitness and Wellness

- SPH-K 216 Foundations of Physical Activity and Public Health (3 cr.)
- SPH-K 316 Theories of Advanced Conditioning (2 cr.) (Fall only)
- SPH-K 317 Theory and Practice of Resistance Training (2 cr.) (Spring only)
- SPH-K319 Physical Activity and Exercise Leadership (3 cr.)
- SPH-K327 Behavioral Aspects of Physical Activity (3 cr.)
- SPH-K 416 Physical Activity/Fitness Administration (3 cr.)
- SPH-K 417 Physical Activity and Disease (3 cr.) (P: K409) (Fall only)
- SPH-K 419 Fitness Testing and Interpretation (3 cr.) (P: K409) (Fall only)

Sport Management

- SPH-M 211 Introduction to Sport Management (3 cr.)
- SPH-M304 Sport Industry Studies (3 cr.) (class can only be taken once)
- SPH-M 318 Management of the Sport Enterprise (3 cr.)
- SPH-M 328 Issues in Intercollegiate Athletics (3 cr.)
- SPH-M 333 Sport in America: Historical Perspectives (3 cr.)
- SPH-M 382 Sport in American Society (3 cr.)
- SPH-M 404 Sport Management Colloquium (3 cr.) (Class can only be taken once)
- SPH-M 411 Legal Issues in Sport Settings (3 cr.)
- SPH-M 415 Sport Promotions and Public Relations (3 cr.)
- SPH-M 418 Sport Marketing (3 cr.)

Additional Courses

SPH K 150 Introduction to Kinesiology and Public Health (3 cr.) (S&H)
SPH-K 280 Principles of Athletic Training and Emergency Care (3 cr.)

SPH-K335 Theories of Conditioning for Coaching (3 cr.)
SPH-K 398 Adapted Physical Activity (3 cr.)

SPH-K435 Philosophical Foundations of Coaching (3 cr.)

Obesity and Health

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

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Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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812-855-2032

spbadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs who wish to add an obesity and health specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Obesity and Health Minor Core Courses (12 cr.):

Complete each of the following courses:

- SPH-H 235 Obesity and Health (3 cr.) **+S&H**
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **or** SPH-N 231 Human Nutrition (3 cr.) **+N&M or** SPH-N 331 Life Cycle Nutrition (3 cr.)

Obesity and Health Minor Elective Course (3 cr.):

Complete one of the following courses:

- SPH-B 310 Health Care in Diverse Communities (3 cr.)

- SPH-B 366 Community Health (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.)
- SPH-B 416 Introduction to Health Counseling (3 cr.)
- SPH-E 311 Introduction to Epidemiology (3 cr.)
- SPH-H 304 Healthy Children: Human Milk Feeding and Infant Health in Global Communities (3 cr.)
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 315 Consumer Health (3 cr.)
- SPH-H 418 The Nature of Addiction (3 cr.)
- SPH-K 412 Exercise in Health and Disease (3 cr.)
- SPH-N 336 Public Health Nutrition (3 cr.)
- ANTH-P 380 Prehistoric Diet and Nutrition (3 cr.)
- GEOG-G 369 The Geography of Food (3 cr.)
- PSY-P 303 Health Psychology (3 cr.)
- SOC-S 365 Social Foundations Behavior: Applications for Health Settings (3 cr.)
- Other obesity-related, 300 or 400-level course with approval of the academic advisor at the Department of Applied Health Science (3 cr.)

+ Courses followed by the N&M notation may apply to both the minor requirements and to the general education, natural and mathematical sciences requirement for bachelor's degree students.

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Nutrition

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than the dietetics and nutrition science majors, who wish to add this specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Nutrition Core Courses (6 cr.):

Complete the following two courses:

- SPH-N 120 Introduction to Foods (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **or** SPH-N 231 Human Nutrition (3 cr.) **+N&M**

Nutrition Elective Courses (9 cr.)

Complete three of the following courses:

- SPH-N 305 Applied Sports Nutrition (3 cr.)
- SPH-N 320 Food Chemistry (3 cr.)
- SPH-N 331 Life Cycle Nutrition (3 cr.)
- SPH-N 336 Public Health Nutrition (3 cr.) (P: SPH-N 231) **--or--** SPH-N 350 Topical Seminar in Nutrition/Dietetics: Nutrition in the Community (3 cr.)
- SPH-N 430 Advanced Nutrition I (3 cr.)
- SPH-N 432 Advanced Nutrition II (3 cr.)
- SPH-N 480 Mechanisms of Nutrient Action (3 cr.)

+ Courses followed by the N&M notation may apply to both the minor requirements and to the general education, natural and mathematical sciences requirement for bachelor's degree students.

Outdoor Recreation, Parks, and Human Ecology

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs outside the Parks, Recreation, and the Outdoors major. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each course used in this minor.

Note: No course in this minor may be taken under the Pass/Fail Option.

Outdoor Recreation, Parks, and Human Ecology Core Courses (6 cr.):

Complete each of the following courses:

- SPH-R220 Foundations of Parks, Recreation, and the Outdoors (3 cr.)
- SPH-O 244 Natural History and Field Ecology (3 cr.) (P:SPH-O210) **or** SPH-O 279 Outdoor Adventure Education (3 cr.)
-

Outdoor Recreation, Parks, and Human Ecology Elective Courses (9 cr.):

Complete three of the following courses:

- SPH-O 305 Introduction to "Outdoor" Leadership (3 cr.)
- SPH-O310 Ecosystem Management (3 cr.)
- SPH-O 313 Wilderness and Protected Lands (3 cr.)
- SPH-O 324 Outdoor Experiential Education: Instructional Techniques (3 cr.)
- SPH-O 340 Interpretation and Tour Guiding (3 cr.)
- SPH-O 341 Field Techniques in Environmental Education (3 cr.)
- SPH-O 360 Human Health and Natural Environments (3 cr.)
- SPH-O 413 Applications in Outdoor Recreation, Parks, and Human Ecology (3 cr.) only by instructor permission.
- SPH-W305 Introduction to Outdoor Leadership (3 cr.)
- SPH-W331 Wilderness First Responder (3 cr.)

Parks and Recreation Administration Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032

sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students who wish to add a parks and recreation administration specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each course used in this minor.

Note: No course in this minor may be taken under the Pass/Fail Option.

Parks and Recreation Administration Core Courses (12 cr.):

Complete each of the following courses:

- SPH-R 220 Foundations of Parks, Recreation, and the Outdoors (3 cr.)
- SPH-R 311 Management in Health & Wellness Design (3 cr.)
- SPH-R 413 Fiscal Management of Leisure Services Organizations (3 cr.)
- SPH-R 414 Legal Aspects in Health & Wellness Design (3 cr.)

Parks and Recreation Administration Elective Courses (3 cr.):

Complete one of the following courses:

- SPH-R 220 Foundations of Parks, Recreation, and the Outdoors (3 cr.)
- SPH-R 101 Resource Development and Fundraising (3 cr.)
- SPH-R 200 Health & Happiness by Design (3 cr.) **+S&H**
- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.)
- SPH-R 221 Creating Sense of Place through Design (3 cr.)
- SPH-R 230 Recreational Sport Programming (3 cr.)
- SPH-R 426 Human Resource Management in Health & Wellness Design (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Public Health

Description of Program

With a minor in public health, you will be prepared to help promote and protect the health of people where they live, work, and play. You will learn and develop skills related to the disciplines of public health: epidemiology, social and behavioral health, public health policy, environmental health, and biostatistics. The coursework focuses on public health at the community level – planning, developing, implementing, and evaluating interventions that contribute to improving health equity and health outcomes across diverse populations.

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than the community health major, who wish to add public health to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Public Health Core Courses: (12 cr.)

Complete the following four courses:

- SPH-B 150 Introduction to Public Health (3 cr.)
- SPH-B 366 Community Health (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.)
- SPH-E 311 Human Disease and Epidemiology (3 cr.)

Public Health Elective Course (3 cr.)

Complete one of the following electives:

- SPH-B 310 Public Health in Diverse Communities (3 cr.)
- SPH-B 354 Multidisciplinary Perspectives on Gerontology (3 cr.)
- SPH-F 150 Introduction to Life Span Human Development (3 cr.) **+S&H**
- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-F 258 The Tie That Binds: Relationships, Marriage and Family (3 cr.) **+S&H**
- SPH-F 350 Topical Seminar in Human Development and Family Studies (3 cr.)
- SPH-F 341 Today's Families, Understanding Change in Family Dynamics (3 cr.)
- SPH-F 345 Parents, Parenting, and Children (3 cr.)

- SPH-F 355 Leading Family Process Discussion Groups (3 cr.)
- SPH-H 172 International Health and Social Issues (3 cr.) **+S&H**
- SPH-H 174 Prevention of Violence in American Society (3 cr.) **+S&H**
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-H 220 Death and Dying (3 cr.) **+S&H**
- SPH-H 263 Personal Health (3 cr.) **+S&H**
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 315 Consumer Health (3 cr.)
- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-H 350 Topical Seminar in Health Promotion (3 cr.)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-H 381 Introduction to Health Information and Statistics (3 cr.)
- SPH-H 385 Practicum in College Death Education (3 cr.)
- SPH-H 395 Practicum in Sexual and Reproductive Health Education (3 cr.)
- SPH-H 418 The Nature of Addiction (3 cr.)
- SPH-H 445 Travel Study (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) **or** SPH-N 231 Human Nutrition (3 cr.) **+N&M**
- SPH-N 331 Life Cycle Nutrition (3 cr.)
- SPH-N 336 Community Nutrition (3 cr.)
- SPH-S 350 Topical Seminar in Safety Education (3 cr.)

Recreational Sport Management

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each course used in this minor.

Note: No course in this minor may be taken under the Pass/Fail Option.

Recreational Sport Management Courses (12 cr.)

Complete each of the following courses:

- SPH-R 230 Recreational Sport Programming (3 cr.) **or** SPH-K 206 Recreational Sport Programming (3 cr.)
- SPH R 410 Event Planning and Program Development (3 cr.)
- SPH R 414 Legal Aspects of Health & Wellness Design (3 cr.)
- SPH-R 431 Youth Sport Management (3 cr.)

Recreational Sport Management Electives (3 cr.)*

Complete one course from the following list:

- SPH-R 210 Inclusion in Health & Wellness Design (3 cr.) **or** SPH-K 398 Adapted Physical Activity (3 cr.) #
- SPH-R 200 Health & Happiness by Design (3 cr.) **+S&H**
- SPH-R 221 Creating a Sense of Place through Design (3 cr.) #
- SPH-R 235 Sport and Violence (3 cr.)#
- SPH-R 426 Human Resource Management in Health & Wellness Design (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

* Students majoring in Tourism, Hospitality, and Event Management must take one recreational sport management elective course which is not required for that major. Courses which are not required by the Tourism, Hospitality, and Event Management major are marked with a #.

Safety

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington

Student Services Suite

1025 E. Seventh Street

Bloomington, IN 47405-7109

812-855-2032

sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs outside the safety major, who wish to add a safety specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Safety Core Courses (9 cr.):

Complete each of the following courses:

- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 251 Incident Investigation and Analysis (3 cr.)
- SPH-S 345 Safety Program Management (3 cr.)

Safety Elective Courses (6 cr.)

Complete two of the following courses:

(At least one course must be at the 300 level or above.)

- SPEA-E 311 Introduction to Risk Assessment and Risk (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- SPEA-E 476 Environmental Law and Regulation (3 cr.)
- SPH-B 403 Public Health Program Planning (3 cr.)
- SPH-H 460 Practicum in First Aid Instruction (3 cr.)
- SPH-S 332 Ergonomics and Human Factors (3 cr.)
- SPH-S 336 Emergency Management (3 cr.)
- SPH-S 415 Safety Education and Training (3 cr.)
- SPH-S 491 Readings in Safety Education (3 cr.)
- SPH-S 492 Research in Safety Education (3 cr.)
- Other course elective at the 300/400 level as approved by advisor

Sport Marketing and Management

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than the sport marketing and management major, who wish to add this specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.
- a minimum grade of C- is required in each minor course.

Note: No course in this minor may be taken under the Pass/Fail Option.

Core Courses (9 cr.)

Complete each of the following courses:

- SPH-M 211 Introduction to Sport Management (3 cr.)
- SPH-M 318 Management of the Sport Enterprise (3 cr.)
- SPH-M 418 Sport Marketing (3 cr.)

Electives (6 cr.)

Complete two of the following courses:

- SPH-C 213 Introduction to Sport Communication (3 cr.)
- SPH-C 329 Issues in Sport Communication (3 cr.)
- SPH-M 304 Sport Industry Studies (3 cr.)
 - Repeatable for credit: M 304 can be taken up to 2 times with different topics.
 - Beginning Spring 2025, these SPH-M 304 topics will become their own courses as noted below. Topics previously completed as SPH-M 304 cannot be repeated as the same topic with the new course number (e.g., SPH-M 304 Sport Analytics cannot be repeated as SPH-M 310 Sport Analytics for credit).
 - SPH-M 310 Sport Analytics (3 cr.)
 - SPH-M 311 Diversity in Sport Management (3 cr.)
 - SPH-M 312 International Sport Management (3 cr.)
 - SPH-M 314 E-Sports Marketing & Management (3 cr.)
- SPH-M 328 Issues in Intercollegiate Athletics (3 cr.)
- SPH-M 333 Sport in America: Historical Perspectives (3 cr.)
- SPH-M 382 Sport in American Society (3 cr.)
- SPH-M 404 Colloquium in Sport Management (3 cr.)

- Repeatable for credit: M 404 can be taken up to 2 times with different topics.
- Beginning Spring 2025, these SPH-M 404 topics will become their own courses as noted below. Topics previously completed as SPH-M 404 cannot be repeated as the same topic with the new course number (e.g., SPH-M 404 Sport Branding cannot be repeated as SPH-M 408 Sport Branding for credit).
 - SPH-M 405 Issues in Professional Sports (3 cr.)
 - SPH-M 406 Colts Gameday Experience (3 cr.)
 - SPH-M 408 Sport Branding (3 cr.)

- SPH-M 411 Legal Issues in Sport Settings (3 cr.) **or** SPH-R 411 Legal Issues in Sport Setting (3 cr.)
- SPH-M 415 Sport Promotion and Public Relations (3 cr.)
- SPH-M 423 Financial Principles in Sport (3 cr.)
- SPH-M 426 Sales Management in Sport (3 cr.)
- SPH-M 428 Strategic Management in the Sport Industry (3 cr.)

Recommended (not required)

- SPH-M 495 Practicum in Sport Studies (P: 2.3 CGPA) (1-3 cr.)

Tourism, Hospitality, and Event Management

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs other than those with a tourism, hospitality, and event management major. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum cumulative minor GPA of 2.0.

- a minimum grade of C- is required in each course used in this minor.

Note: No course in this minor may be taken under the Pass/Fail Option.

Tourism, Hospitality, and Event Management Core Courses (6 cr.)

Complete each of the following courses:

- SPH-T 201 Introduction to Tourism, Hospitality, & Event Management Industries (3 cr.)
- SPH-T 203 Principles of Lodging Management (3 cr.) or SPH-T 211 International Tourism (3 cr.)

Tourism, Hospitality, and Event Management Elective Courses (9 cr.)

Complete one course from EACH of the following areas:

Event Management (Choose one of the following:)

- SPH-T 311 Convention & Meeting Planning (3 cr.)
- SPH-T 323 Festival and Event Management (3 cr.)
- SPH-T 345 Special Event Production (3 cr.)

Hospitality Services (Choose one of the following:)

- SPH-T 302 Management of Food and Beverage Operations (3 cr.)
- SPH-T 321 Resort Management (3 cr.)
- SPH-T 336 Systems Integration (3 cr.)
- SPH-T 431 Green Operations in Hospitality Services (3 cr.)

Global Tourism (Choose one of the following:)

- SPH-R 375 Winery & Food Tourism (3 cr.)
- SPH-R 250 Health & Wellness Tourism (3 cr.)
- SPH-T 301 Sustainable Tourism (3 cr.)
- SPH-T 389 Global Destination Management (3 cr.)
- SPH-T 418 Public Health in Global Travel & Tourism (3 cr.)

Youth Development

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

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Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs who wish to add a youth development specialty to their studies. This minor requires:

- successful completion of **16 credit hours** prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Youth Development Core Courses (13 cr.)

Complete the following five courses:

- SPH-F 150 Introduction to Life Span Development (3 cr.) **+S&H**
- SPH-F 180 Introduction to Child and Youth Work (3 cr.)
- SPH-F 330 Leadership Theory and Practice in Youth Development (3 cr.)
- SPH-F 410 The Science of Positive Youth Development (3 cr.) P: SPH-F150
- SPH-L 102 Participant Leadership Development (1 cr.)

Youth Development Elective Courses (3 cr.)

Complete one of the following courses:

- SPH-F 341 Today's Families: Understanding Change in Family Dynamics (3 cr.)
- SPH-F 345 More Than Just A Relationship: Parents, Parenting, and Children (3 cr.)
- SPH-F 346 The Prenatal Period Through Early Childhood - Human Development I (3 cr.)
- SPH-F 347 Middle Childhood Through Adolescence - Human Development II: (3 cr.)
- SPH-F 417 African American and Latino Families (3 cr.)
- SPH-F 457 Protective Factors, Resilience, and Stress in the Family (3 cr.)
- SPH-F 458 Family Law and Policy (3 cr.)
- SPH-H 350 Topical Seminar in Health Promotion, TOPIC: Teaching Methods in Human Sexuality Education (3 cr.)

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Personal Well-Being

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley

School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032
sphadvr@indiana.edu

Requirements

This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Foundational Courses: (9 cr.)

Complete one course from each of the following three choices. Complete total of three courses:

- SPH-I 119 Personal Fitness and Wellness (3 cr.) or SPH-R 142 Living Well (3 cr.) **(+S&H)** or SPH-H351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-N 220 Nutrition for Health (3 cr.) or SPH-N 231 Human Nutrition (3 cr.) **(+N&M)** or SPH-N331 Life Cycle Nutrition (3 cr.)
- SPH-H 263 Personal Health (3 cr.) **(+S&H)** or SPH-H 305 Women's Health (3 cr.) or SPH-H 306 Men's Health (3 cr.)

Advanced Coursework (min 3 cr. and up to 6 cr. if not taking Applied Coursework)

Complete at least one of the following electives:

- SPH-F 255 Human Sexuality (3 cr.) **+S&H**
- SPH-F 258 The Ties That Bind: Relationships, Marriage, and Family (3 cr.) **+S&H**
- SPH-F 341 Today's Families: Understanding Change in Family Dynamics (3 cr.)
- SPH-F 345 Parent's Parenting, and Children (3 cr.)
- SPH-F150 Introduction to Life Span and Development (3 cr.) **+S&H**
- SPH-H 150 Children's Health up to Age 5 (3 cr.)
- SPH H-160 First Aid and Emergency Care (3 cr.)
- SPH-H 170 Health Through the College Years (3 cr.)
- SPH-H 180 Stress Prevention and Management (3 cr.)
- SPH-H 220 Death and Dying (3 cr.) **+S&H**
- SPH-H 235 Obesity and Health (3 cr.) **+S&H**
- SPH-H 315 Consumer Health (3 cr.)
- SPH-H 318 Drug Use in American Society (3 cr.)
- SPH-H 320 The Nature of Cancer (3 cr.)
- SPH-H 334 Heart Health and Diabetes (3 cr.)
- SPH-H 418 The Nature of Addiction (3 cr.)

- SPH-H351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-N331 Life Cycle Nutrition
- SPH-S 217 Safety: A Personal Focus (3 cr.)

Applied Coursework (max 3 cr.)

Complete up to (3 cr.) if 6 credits are not used in Advanced Coursework.

- SPH-I 100 or 200 level or SPH-W 100 level course: _____ *SPH-I 119 can not be used if used for a foundation course.
- SPH-L 102 Participant Leadership Development (1 cr.)
- SPH-R 145 Multidisciplinary Approach to Wellness (2 cr.)
- SPH-K 199 Careers in Helping Professions (2 cr.)

Health, Identity, and Social Justice

Description of Program

This minor is designed for students who want to attain a deeper level of cultural competency, and it is an excellent option across all disciplines. Moreover, this content is particularly applicable to those pursuing careers in public health, health policy, non-profit administration, pre-medicine, social work, gender and ethnic studies, bioethics, education, informatics, counseling, and criminal justice. Students who complete this minor will:

1. Attain the knowledge in cultural awareness
2. Become an advocate for historically marginalized, minoritized, and underserved populations
3. Incorporate social justice into practice

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may contact:

School of Public Health-Bloomington
Applied Health Science
Maresa Murray
1025 E. Seventh Street, RM 116
Bloomington, IN 47405-7109
812-856-5213

marjmurr@indiana.edu

Requirements

This undergraduate minor program is intended for students in Indiana University baccalaureate degree programs. This minor requires:

- successful completion of 18 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Core Courses

Complete each of the following courses for a total of 15 credit hours.

- SPH-F 417 African American and Latino Families (3 cr.)
- SPH-E 451 Ethics and Exploitation: Medical Mistrust and Mistreatment in Public Health (Special Topic in Epidemiology) (3 cr.)
- SPH-R 210 Inclusion in Health & Wellness Design* (3 cr.)
- SPH-M 304 Diversity and Inclusion in Sport Management: Sport Industry Studies (3 cr.)
- SPH-V 360 Environmental Justice and the Anthropocene (3 cr.)

Minor Electives

Complete one of the following courses:

- SPH-B 310 Health Care in Diverse Communities (3 cr.) (Honors Credit Available).
- SPH-B 335 Aging, Health, and Diverse Populations (3 cr.)
- LATS-CJUS-P 245 Social Justice and the Justice System (3 cr.)
- CJUS-P 318 Gender, Crime, and Justice: A Global Perspective (3 cr.)
- CJUS-P 406 Unequal Justice (3 cr.)
- CJUS-P 458 Wrongful Conviction (3 cr.)
- REL-C 325 Race, Religion, and Ethnicity in the Americas (3 cr.)
- REL-C 402 Religion, Illness, and Healing (3 cr.)
- REL-D 340 Religion and Bioethics (3 cr.)
- REL-D 399 Gender, Sex, Bodies, and Religion (3 cr.)
- SOC-S 358 Social Inequalities in Health and Health Care (3 cr.)

A 300 or 400-level public health-related course (3 cr.) will be accepted with the approval of the student's SPH-Bloomington Department Undergraduate Director or Academic Advisor.

Exceptions to minor requirements may be made with the approval of the department's Director of Undergraduate Studies, subject to final approval by the School of Public Health.

Maternal and Child Health

Admission

Students wanting to declare this minor may do so in one of two ways:

- by completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington
Student Services Suite
1025 E. Seventh Street
Bloomington, IN 47405-7109
812-855-2032

sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students at Indiana University pursuing a baccalaureate degree program. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Complete each of the following core courses:

- SPH-H 150 Children's Health up to Age 5 (3 cr.)
- SPH-H 305 Women's Health (3 cr.)
- SPH-H 380 Maternal and Child Health (3 cr.)

Select and complete 6 credits from the following courses: One of the courses should be (although not required) a 400 level class.

- SPH-B 310 Health Care in Diverse Communities (3 cr.)
- SPH-B 366 Community Health (3 cr.)
- SPH-F 410 The Science of Positive Youth Development (3 cr.)
- SPH-F 457 Protective Factors, Resilience, and Stress in the Family (3 cr.)
- SPH-H 174 Violence Prevention in American Society (3 cr.)
- SPH-H 235 Obesity and Health (3 cr.)
- SPH-H 304 Healthy Children: Human Milk Feeding and Infant Health in Global Communities (3 cr.)
- SPH-H 306 Men's Health (3 cr.)
- SPH-H 418 The Nature of A Substance Use Disorder (3 cr.)
- SPH-N 231 Human Nutrition (3 cr.)

- SPH-S 415 Safety Education and Training (3 cr.)

Healthy-Aging

Description of Program

The 65-and-older population has been growing rapidly for more than a decade. Those over age 65 now comprise the fastest-growing age group in the United States. Our aging society is resulting in a demand for professionals with knowledge and expertise in aging. There are expanding career opportunities in many fields, including health care, fitness, rehabilitation, finance, housing, education, recreation, law, and counseling. New technologies are changing the way people age. Many people are starting businesses to help people age well and maintain their health and independence.

The Healthy Aging minor provides students with professional training in the core disciplines of social and active aging, practice in the knowledge and skills needed for a career in aging services, and opportunities to apply knowledge through community engagement.

Admission

Students wanting to declare this minor may do so in one of two ways:

- By completing the form at <https://publichealth.indiana.edu/undergraduate/minors-cert.html>
- alternatively, by contacting the records office of their degree-granting school/unit to have this minor officially added as an academic objective. Kelley School of Business students must complete the following form:

Students are responsible for checking with their degree-granting schools/units to determine whether or not this minor may be officially recorded on their transcripts.

Students considering this minor may schedule an appointment with an SPH-B academic advisor.

School of Public Health-Bloomington

Student Services Suite

1025 E. Seventh Street

Bloomington, IN 47405-7109

812-855-2032

sphadvr@indiana.edu

Requirements

This undergraduate minor program is intended for students in degree programs who wish to add a Healthy Aging specialty to their studies. This minor requires:

- successful completion of 15 credit hours prescribed below.
- a minimum grade of C- in each course used in the minor.
- a minimum cumulative minor GPA of 2.0.

Note: No course in this minor may be taken under the Pass/Fail Option.

Complete one of the following two tracks:

Social Aging Track

Required Foundational Courses (9 cr.)

Complete each of the following three courses:

- SPH-B 315 Health in the Later Years (3 cr.)
- SPH-B 354 Aging Today (3 cr.)
- SPH-B 335 Aging, Health, and Diverse Populations (3 cr.)

Elective Courses (6 cr.)

Complete two courses from the following:

- SPH-K 360 Determinants of Successful Active Living (3 cr.)
- SPH-F 150 Introduction to Life-Span Development (3 cr.) **S&H**
- SPH-F 348 Early Through Late Adulthood - Human Development III (3 cr.) P: SPH-F150
- SPH-H 220 Death and Dying (3 cr.) **S&H**
- SPHS-S 307 Cognition/Communication in Aging (3 cr.) P: One of SPHS-S110, S215, or S108; and SPHS-S201 or ANAT-A215

Active Aging Track

Required Foundational Courses (12 cr.)

Complete each of the following four courses:

- SPH-B 315 Health in the Later Years (3 cr.)
- SPH-K 360 Determinants of Successful Active Living (3 cr.)
- SPH-K 342 Foundations of Physical Activity Instruction for Older Adults (3 cr.)
- SPH-K 422 Programming for Age Related Medical Considerations (3 cr.)

Elective Course (3 cr.)

Complete any one course from the following:

- SPH-B 335 Aging Health, and Diverse Populations (3 cr.)
- SPH-B 354 Aging Today (3 cr.)
- SPH-K 412 Exercise and Disease (3 cr.)
- SPH-K 496 Practicum Experience in Kinesiology: Exercise Leadership (1-3 cr.)
- SPH-N 331 Lifecycle Nutrition (3 cr.)
- SPH-N 220 Nutrition and Health (3 cr.)
- SPH-N 231 Human Nutrition (3 cr.)
- SPH-B 416 Health Counseling (3 cr.)
- SLHS-S 307 Cognition/Communication in Aging (3 cr.) P: One of SPHS-S110, S215, or S108; and SPHS-S201 or ANAT-A215

+ Courses followed by the S&H notation may apply to both the minor requirements and to the general education, social and historical studies requirement for bachelor's degree students.

Program Highlights

The flexible program of study allows students to focus their studies on physical activity and aging or the broader study of aging and society. Both tracks provide opportunities for community engagement and research opportunities with faculty.

Students who graduate with a minor in Healthy Aging often pursue graduate work in physical or occupational therapy, medical school, nursing, chiropractic school, social work, and counseling. Students also start careers

in work settings including non-profit organizations; local, state, and federal government programs; private industry; and residential senior living communities.

Advising & Registration

Academic advisors play a crucial role in helping students navigate the complexities of college life by providing academic, career, and personal support. Advisors serve as a resource and advocate, empowering students to make informed decisions contributing to their educational success and personal growth. The IU School of Public Health – Bloomington (SPH-B) offers students the services of expert professional advisors who provide guidance and support, helping them make informed decisions regarding their educational goals and requirements. Because the advisor-student relationship is so beneficial, [students are](#). During these meetings, the student and advisor will:

- Work to create an individualized plan for degree progression based on a student's goals, interests, abilities, major(s), minor(s), areas of specialization, and career aspirations.
- Explore the curriculum, course content, class, department, school, and university expectations to help students make well-informed choices while building a well-rounded education.
- Identify co-curricular opportunities to augment the student's academic plans, including student organizations, skill-building courses, overseas study possibilities, and more.
- Monitor academic progress to ensure students recognize potential academic hurdles and are satisfactorily progressing in their degree while responding to the needs of their individualized plan in real-time.
- Investigate professional opportunities and develop career plans regarding practical experiences, internship prospects, graduate education planning, and other career-related opportunities.
- Consider the student's personal and developmental needs to support success holistically through the building of study, time management, and self-care skills.
- Ascertain the logic of the institution to better understand the policies and procedures of IU and SPH-B, allowing the student to take responsibility for and ownership of their education.

As part of this holistic collaboration, each semester advisors and students will work to construct a schedule plan for subsequent terms and help students understand the systems and tools for course planning and registration. These tools include [Student Center](#), [iGPS Plan](#), [Student Online Advising Records \(SOAR\)](#), [Degree Maps](#), [Academic Advising Reports \(AAR\)](#), and more. Additional registration information is available on the [Student Central website](#). Once students have completed their required meeting, the academic advisor will remove the advising hold, allowing students to register when their enrollment window opens.

Career Services

In addition to a robust [Office of Career Services](#), each SPH-B academic department actively provides career resources and services for students in their

fields. Services include: career exploration, job search assistance and resources, resume and cover letter development, interview preparation, internship coordination, workshops, employer information sessions, on-campus interview opportunities, networking events, and job fairs. Contact your major department office or your academic advisor for more details.

Financial Aid, Awards & Scholarships

Financial Aid

Applying for financial aid and scholarships is easier than you might think. Just follow these steps.

1. Apply for admission to IU by the [published date](#) for highest consideration. Transfer students and international graduate students should visit [How to Apply](#) to determine their priority date.
2. Submit the [Free Application for Federal Student Aid \(FAFSA\)](#) as soon after January 1 as possible, and so it's received by March 1. Be sure to enter IU's federal school code, 001809. International students are not eligible to file the FAFSA.
3. Apply for [financial aid](#) and [scholarships](#). These include additional scholarship [opportunities outside IU](#)—such as national scholarships and those in your local community—and aid for [international students](#).
4. Stay tuned. Admitted freshmen who file the FAFSA by March 1 learn are notified of their fall financial aid awards in late spring. Returning, transfer, and graduate students are notified in mid-summer.

School of Public Health Awards and Scholarships

A variety of awards and scholarships are available for admitted undergraduate students in the School of Public Health-Bloomington. Eligibility criteria for these awards vary. Some of these considerations include demonstration of academic excellence, leadership in extracurricular activities, and financial need. Students are encouraged to discuss these award and scholarship possibilities with their academic advisors. Award amounts vary, based on funding availability. For more information, visit publichealth.indiana.edu/student-portal/financial-support/index.html.

Undergraduate Academic Programs

Academic Programs

The School of Public Health-Bloomington offers a wide variety of academic programs for undergraduate students. We invite you to learn more about Admission, Degrees, Undergraduate Minors, and Undergraduate Certificates.

Masters and doctoral applicants

Prospective students applying for masters and doctoral graduate programs must complete two separate applications for admission—a primary application through the [#\(SOPHAS\)](#), and a supplemental application through the

For additional information about application deadlines and requirements for domestic and international students, please visit our [page](#) or email spgrad@iu.edu.

Admission

Graduate Academic Programs

Admission

Becoming a graduate student in the School of Public Health-Bloomington

There are different application requirements for degree-seeking, certificate-seeking, and non-degree-seeking SPH-B graduate programs. For detailed information about SPH-B graduate application processes, please visit one of the pages below:

- Masters and doctoral applicants
- Graduate certificate applicants
- SPH-B graduate non-degree applicants

For additional questions about applying to graduate programs, please email sphgrad@iu.edu.

Graduate certificate applicants

Prospective students applying for graduate certificate programs must complete two separate applications for admission—a primary application through the(SOPHAS Express), and a supplemental application through the

For additional information about application deadlines and requirements for domestic and international students, please visit our page or email sphgrad@iu.edu.

Online Graduate Certificate in Safety Management

- Description of Program
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

The online graduate Certificate in Safety Management will enhance expertise in safety management for working professionals, and provide advanced knowledge and skills to students with an undergraduate degree in safety.

For answers to questions about our degree and certificate programs, our Indiana University Bloomington Online Graduate and Professional Admissions Application, or to complete a SOPHAS Express application, email sphgrad@indiana.edu.

For more information about this certificate program, you may contact:

- Dr. Kevin Slates
Department of Applied Health Science
Indiana University
1025 E. Seventh Street, SPH 116
Bloomington, IN 47405

Email: kslates@indiana.edu

Students will be notified of the admission decision by SPH-B Office of Graduate Admissions.

Certificate Requirements (12 cr.)

Students in the Certificate program must be admitted to or currently enrolled at Indiana University. The certificate

requires 12 credit hours of graduate course work with a minimum cumulative GPA in certificate courses of 3.0.

Complete the following courses (12 cr.):

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety and Health Program Design (3 cr.)

Special Opportunities

Students do not need to reside in Bloomington to complete any part of this certificate. All of the coursework is online.

Careers

The online graduate Certificate in Safety Management prepares safety professionals for a variety of functions; they must have a broad knowledge of various fields. Some of the major functions performed include safety training, accident investigation, audits and inspections, hazard analysis, fire protection, compliance, machine guarding, and emergency preparedness. According to a recent survey of American Society of Safety Professionals, the largest employer groups are manufacturing, construction, consulting firms, insurance, service industries, health care, transportation, utilities, and nonprofit and government organizations.

Graduate Certificates

- Online Graduate Certificate in Public Health
- Online Graduate Certificate in Safety Management
- Online Graduate Certificate in Sexual and Reproductive Health

Public Health Certificate

- Description of Program
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

The online Graduate Certificate in Public Health will provide graduate students and working professionals a solid foundation in the core disciplines of public health, and is accredited by the Council for Education in Public Health (CEPH). Students are trained in 22 core competencies through coursework in epidemiology, population health determinants, assessment, and health policy. All courses count toward an M.P.H. for students who choose to continue their graduate studies. Certificate students work closely with faculty to jumpstart their public health career through community-based practicum experiences. Graduates are qualified for leadership positions in clinics, local and state public health departments, nonprofit organizations, and laboratories.

For answers to questions about our degree and certificate programs, our Indiana University Bloomington Online Graduate and Professional Admissions Application, or to complete a SOPHAS Express application, email sphgrad@indiana.edu. Students will be notified of the admission decision by the SPH-B Office of Graduate Admissions. For more information about this certificate

program, visit mypublichealthdirect.indiana.edu/programs/grad-cert-ph.html.

You may also contact:

Amaury de Siqueira
Director, Office of Online Education
School of Public Health
1025 E. Seventh Street, SPH 111
Phone: 812-855-6812
Email: adesique@indiana.edu

Certificate Requirements (15 cr.)

Students in the Certificate program must be admitted to or currently enrolled at Indiana University. The certificate requires 15 credit hours of graduate course work with a minimum cumulative GPA in certificate courses of 3.0.

Complete the following courses (15 cr.):

- SPH-X 650 Evidence-Based Approaches to Public Health (3cr.)
- SPH-X 660 Population Health Determinants (3 cr.)
- SPH-X 685 Public Health Policy & Politics (3 cr.)
- SPH-X 601 Assessment & Public Health (3 cr.)
- SPH-B 675 Practicum (3 cr.)

Special Opportunities

The certificate is 15 credit hours; 12 credits of course work and a 3-credit practicum. All courses count toward an M.P.H. for students who choose to continue their graduate study. Certificate students work closely with faculty to jumpstart their public health careers through community-based practicum experiences. Students do not need to be in residence in Bloomington to complete any part of the certificate. All coursework is available online.

Careers

The COVID-19 pandemic created a global awareness of the importance of public health. The Bureau of Labor Statistics projects a 14% increase in public health-related jobs from 2018–2028. Careers in public health can be found in local, state, and federal government; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and health foundations and health-based grant projects. A Graduate Certificate in Public Health can lead to or enhance careers in positions including:

- Community Health Educator
- Disease Prevention Manager
- Health Promotion Specialist
- Intervention Designer
- Maternal and Child Health Specialist
- Obesity Prevention Coordinator
- Public Health Educator
- Public Health Program Manager
- Public Health Researcher
- Sexual Health Educator
- Technical Advisor for HIV/AIDS Programs
- Vaccine Advisor and Program Manager
- Youth Tobacco Prevention Coordinator

Online Graduate Certificate for Sexual and Reproductive Health

- Description of Program
- Certificate Requirements

- Special Opportunities
- Careers

Description of Program

The online graduate certificate in Sexual and Reproductive Health provides graduate students and working professionals with a solid foundation in core competencies related to sexual and reproductive health. With a focus on enhancing sexuality knowledge, strengthening research skills, and expanding teaching methods, the certificate provides an opportunity to advance training essential to sexual and reproductive health professionals across diverse geographic areas, topics, and cultures.

For answers to questions about our degree and certificate programs, our Indiana University Bloomington Online Graduate and Professional Admissions Application, or to complete a SOPHAS Express application, please contact sphgrad@indiana.edu.

For more information about this certificate program:

- Please visit the Website for the online Graduate Certificate in Sexual and Reproductive Health at mypublichealthdirect.indiana.edu/
- Dr. Heather Eastman-Mueller
Department of Applied Health Science
Indiana University
1025 E. Seventh Street, SPH 116
Bloomington, IN 47405
Phone: 812-855-4851
Email: heastman@indiana.edu

Students are encouraged to contact Dr. Heather Eastman-Mueller before applying for admission to this program. Admissions will be reviewed by the certificate director. Students will be notified of the admission decision by SPH-B Office of Graduate Admissions.

Certificate Requirements (15 cr.)

Students in the certificate program must be admitted to or currently enrolled at Indiana University. The certificate requires 15 credit hours of graduate course work with a minimum cumulative GPA in certificate courses of 3.0. No course with a grade below C- will count toward requirements for this certificate.

Complete the following courses (15 cr.):

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)
- SPH-X 660 Population Health Determinants (3 cr.)

Special Opportunities

The certificate is 15 credit hours. Students do not need to be a residence in Bloomington to complete any part of the certificate. All of the coursework is online.

Careers

Virtually every community in the world struggles with the public health impacts of sexual and reproductive health issues. As such, professionals across the spectrum

who work with individuals, couples, and communities on complex issues related to sexuality can benefit from the career enhancements that come with this training. The competencies gained in this program will be beneficial to those who are working, or plan to work, as a sexual and reproductive health focused individual in professions such as:

- Community health educator
- Physician, nurse practitioner, midwife, nurse, physician assistant
- Public health researcher
- School health educator
- Community health educator
- Sexuality educator
- Technical advisors and consultants
- Policy makers and community leaders
- Managers in community-based organizations
- Government

Addiction Intervention Certificate

- Description of Program
- Certificate Requirements
- Special Opportunities
- Careers

Description of Program

The Online Graduate Certificate in Addiction Intervention is a 15-credit, online graduate program that will prepare non-clinical professionals (e.g. Public Health, Education, Psychology, Corrections, Law Enforcement, etc.) to act as professionally trained intermediaries between individuals seeking addiction services and professionals providing evidence-based practices in both prevention and treatment. Twelve credits will be given to students who enroll and complete the following courses:

- Public Health Approaches to Substance Abuse Prevention
- Substance Abuse Treatment in a Public Health Context
- Introduction to Co-Occurring Substance Use and Mental Health Disorders
- History of Public Health Approaches to Addiction Treatment and Recovery for Public Health

The remaining three credits will be awarded to students who take the capstone course, Introduction of Motivational Interviewing. Two certificates will be awarded upon completion of this program: (1) An Indiana University Certificate in Addiction Intervention (2) Board Certified Substance Use Consultant (BCSUD) from the Indiana Counselors Association for Drug Use and Alcohol (ICAADA).

For answers to questions about our degree and certificate programs, our Indiana University Bloomington Online Graduate and Professional Admissions Application, or to complete a SOPHAS Express application, email sphgrad@indiana.edu.

For more information about this certificate program:

- Please visit the Website for the online Graduate Certificate in Addiction Intervention at mypublichealthdirect.indiana.edu/

you may also contact:

- Dr. Jon Agley
Department of Applied Health Science
Prevention Insights
School of Public Health Indiana University
908 E. 9th St.
Bloomington, IN 47404
Phone: 812-855-3132
E-mail: jagley@indiana.edu

Students are encouraged to contact Dr. Agley before applying for admission to this program. Students will be notified of the admission decision by SPH Office of Graduate Admissions.

Certificate Requirements (15 cr.)

Students in the certificate program must be admitted to or currently enrolled at Indiana University. The certificate requires 15 credit hours of graduate course work with a minimum cumulative GPA in certificate courses of 3.0.

Complete the following courses (15 cr.):

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.) (fall)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.) (spring)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.) (summer)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.) (fall)
- SPH-H 668 Motivational Interviewing (3 cr.) (fall, spring, summer)

Special Opportunities

The certificate is 15 credit hours, and includes a 3-credit motivational interviewing course. Students do not need to reside in Bloomington to complete any part of the certificate. All of the coursework is online.

Careers

In 2018, the combined Federal Drug Control budget request was \$27.57 billion and 50% of that value is devoted to treatment and prevention. The Graduate Online Certificate in Addiction Intervention targets non-clinical graduate students and gives each person who enrolls in the program essential evidenced based tools with which he/she can effectively refer anyone using or affiliated with substance use to prevention and treatment programs that have proven effective. Building the U.S. workforce with information and skills for effective referral is the targeted outcome of the program. Any graduate student from any of the following disciplines, but not limited to, would benefit from the Certificate Program. The certificate is awarded by the Indiana Counselors Association for Drug Use and Alcohol (ICAADA). The certificate can lead to or enhance careers such as:

- o Community Health Educator
- o Disease Prevention Manager
- o Health Promotion Specialist
- o Intervention Designer
- o Maternal and Child Health Specialist
- o Obesity Prevention Coordinator
- o Public Health Educator

- o Public Health Program Manager
- o Public Health Researcher
- o Sexual Health Educator
- o Technical Advisor for HIV/AIDS Programs
- o Vaccine Advisor and Program Manager
- o Youth Tobacco Prevention Coordinator
- o Social Worker
- o Law Enforcement
- o Teacher
- o Education Administrator
- o Education Counselors
- o School Nurses
- o Nurse Educator
- o Corrections Officer
- o Criminal Justice
- o Social Services professionals
- o Public Health Policy professionals
- o Lawyers
- o Political Science

Environmental Health Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The mission of this program is to educate the next generation of environmental health professionals to understand the influences and effects of environmental factors on human health and disease with a focus on rural communities; to prepare health scientists to conduct and share through scholarly pursuits the results of original lab-based research; to emphasize the scientific, technological, policy, and management skills needed to address environmental, toxicological and occupational health concerns; and to advance the discipline of environmental health. The goal of this doctoral program is to educate future professionals who are highly qualified as independent investigators, academicians, and practitioners of environmental health.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Requirements for the Ph.D. in Environmental Health

All Ph.D. in Environmental Health degree students in the School of Public Health-Bloomington are required to complete the following four requirements:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete*

details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

- SPH-E 651, Epidemiology (3 cr.), or its equivalent.
- SPH V-733 Research Methods in Environmental Health (3 cr.)
- SPH-V 792 Advanced Environmental Health Research (3 cr.)

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside SPH-B, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits).

Special Opportunities

Students have the opportunity to enhance skills by participating in research activities independently or in collaboration with faculty members and other graduate students. Assistantships are available through our school for students admitted to doctoral degree programs on the Bloomington campus, and many doctoral students also gain experience in teaching various health topics in different settings. Students are strongly encouraged to publish research results in professional peer-reviewed journals and present their research at local and national conferences. Fellowships and scholarships are available to highly qualified students.

Careers

Graduates with Ph.D.s in environmental health pursue careers in all sectors of the workforce including academia, government and industry. Professionals trained in environmental health, including those in toxicology, occupational health and risk assessment, will see job opportunities grow over the next several decades due to an increase in retirements and challenges in the chemical, physical, built and social environments. The increasing societal trend towards improving human health has led analysts to conclude that the job market for Ph.D.-level individuals in environmental health and toxicology will continue to grow.

Epidemiology Major

- Description of Program

- Degree Requirements
- Special Opportunities
- Careers

Description of Program

This Ph.D. program is designed to train next generation of epidemiologists, who will study the distributions of diseases in populations, their causes, and their prevention and controls. The students are expected to gain mastery of epidemiological and biostatistical skills required for the highest level of scholarship, investigation and leadership in public health research; to design and complete their own investigator-initiated research projects in not only the biological origins of disease, but also the impact of social, economic, genetic and environmental exposures that contribute to the risk of disease; and to compete for research grants supported by research agencies, such as the National Institute of Health.

Common Ph.D. Degree Requirements

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Required Components for the Ph.D. Degree in Epidemiology:

All Ph.D. in Epidemiology degree students in the School of Public Health-Bloomington are required to complete the following two requirements:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*
- SPH-E 651, Epidemiology (3 cr.), or its equivalent.

Research Skills (9 credits minimum)

These courses provide required skills to conduct research. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.

Complete the following research skill courses for the Ph.D. degree in Epidemiology:

- Courses providing required skills to conduct research as prescribed by the doctoral advisory committee (9 cr.)

Qualifying Exam

Each Ph.D. degree student in Epidemiology must pass a doctoral qualifying exam that assesses the extent to which the student has attained the program's required competencies. The qualifying exam includes a standardized written portion administered by the Department of Epidemiology and Biostatistics.

Major Area of Study (30 credits minimum)

The following courses must be taken within the School of Public Health-Bloomington. No substitutions and transfer equivalency will be allowed for the following courses.

- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-E 758 Advanced Epidemiology (3 cr.)
- SPH-E 759 Advanced Epidemiological Methods (3 cr.)
- SPH-E 790 Scientific Writing and Proposal Development for Epidemiologic Research (3 cr.)

The following courses should be taken within School of Public Health-Bloomington or transferred from previous graduate work contingent upon approval of advisory committee.

- SPH-Q 612 Survival Analysis (3 cr.)
- SPH-Q 603 Categorical Data Analysis (3 cr.)
- SPH-Q 605 Statistical Analysis of Multi-level and Longitudinal Data (3 cr.)
- Epidemiology major coursework prescribed by the doctoral advisory committee (6 cr.)

Minor Area of Study (9 credits minimum)

A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.

Electives (0–28 credits)

Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.

Dissertation (20–30 credits)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities independently or in collaboration with faculty members and other graduate students. Through funded associate instructor (AI) appointments, most doctoral students also acquire essential skills and experience in teaching various health topics in different settings. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences. A limited number of fellowships and scholarships are available to the best qualified students.

Careers

The growing aging population will increase the need for scientists skilled in the research and prevention of disease. The rapidly expanding health field will also spur the need for researchers who can provide information to help governments, health agencies, health care providers and communities deal with epidemics.

The salary range, \$38,175–\$136,237, reflects the actual salaries earned (adjusted for inflation using the national CPI - Bureau of Labor Statistics) within one year of graduation as reported by the most recent national survey of graduates conducted by the American Public Health Association (APHA).

Health Behavior Major

- Description of Program
- Degree Requirements
- Special Opportunities

- Careers

Description of Program

The Ph.D. in Health Behavior is a highly regarded, nationally recognized program with a strong history of preparing graduates to conduct scholarly inquiry in a broad spectrum of areas emphasizing health promotion and prevention of health problems. Research and creative activities include both basic and applied work in program planning and development; health policy management, evaluation of the program effectiveness; and examination of lifestyle and health behavior in relation to nutrition, exercise, stress, alcohol, tobacco and other drug abuse, individual development and family health, communicable disease, human sexuality, aging, and related areas.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Requirements for the Ph.D. in Health Behavior

All Ph.D. in Health Behavior degree students in the School of Public Health-Bloomington are required to complete the following two requirements:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*
- SPH-E 651, Epidemiology (3 cr.), or its equivalent.

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated

area outside the department in which the major is being pursued.

- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities independently or in collaboration with faculty members and other graduate students. Through funded associate instructor (AI) appointments, most doctoral students also acquire essential skills and experience in teaching various health topics in different settings. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences. A limited number of fellowships and scholarships are available to the best qualified students.

Careers

Most graduates pursue careers in higher education as professors and researchers while some complete postdoctoral fellowships or pursue research or executive careers in governmental agencies such as the Centers for Disease Control and Prevention and voluntary health agencies.

Human Performance Major, Emphasis: Biomechanics

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Doctoral program in biomechanics takes an interdisciplinary approach to the mechanical aspects of human movement, with the particular focus on lower extremity injury mechanics during locomotion. Students take a variety of courses related to human movement mechanics, data analysis and processing, and the physiological and neuromuscular aspects of human movement. In addition to taking classroom-based courses, most learning will be conducted through hands-on experiences in the research laboratory. The research conducted in the biomechanics laboratory focuses on the gait mechanics of running, wearable technology, aging, and industry-related projects.

New graduate Biomechanics students (both M.S. and Ph.D.) are admitted when space is available. Students start attending classes in the Fall of the year they are admitted; Applications should be completed by the end of December of the previous year. Applicants are strongly encouraged to contact Dr. Allison Gruber before applying. Please visit the Biomechanics Laboratory website for more information about the graduate program and research areas: iubiomechanicslab.weebly.com/graduate-program.html.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Public Health Foundations Requirement for the Ph.D. in Human Performance degree in Biomechanics

All Ph.D. degree students in the School of Public Health-Bloomington, who have not completed an MPH degree, are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Students at the undergraduate and graduate levels can assist in a wide variety of ongoing research experiments in the Biomechanics Laboratory.

Careers

- **Careers for the M.S.** — Students pursuing the M.S. degree are well prepared for career opportunities within a private industry, clinical, and academic settings. The M.S. degree also serves as preparation for pursuing Ph.D. programs.
- **Careers for the Ph.D.** — Students earning the Ph.D. in biomechanics are well prepared for faculty and

teaching positions as well as research in clinical or private industry settings.

Human Performance Major, Emphasis: Exercise Physiology

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Exercise physiology is broadly based on basic sciences: human anatomy, physiology, chemistry, and biology. The primary goal of this field is to understand how the various cells, tissues, organs, and organ systems respond to challenges posed by exercise and physical training. Exercise physiology focuses on optimal performance such as that attained by elite and highly trained athletes. Unlike many fields, exercise physiology has remained integrative, examining how the failure or enhancement of one physiological system can influence another. The field also considers how the environment imposes limits on the body during exercise through such means as heat, cold, humidity, and altitude.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Public Health Foundations Requirement for the Ph.D. in Human Performance degree in Exercise Physiology

All Ph.D. degree students in the School of Public Health-Bloomington, who have not completed an MPH degree, are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.

- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Students at the undergraduate and graduate levels can assist in a wide variety of ongoing research experiments in the exercise physiology laboratories.

Careers

- Careers for M.S.: Preparation toward Ph.D. programs; research-related positions at research laboratories.
- Careers for Ph.D.: Graduates are qualified for research and teaching positions at universities, sports organizations, and medical centers.

Human Performance Major, Emphasis: Motor Learning/Control

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The program in motor learning and control focuses on the neuromuscular aspects related to the execution of human movement and learning. Students take a variety of neuroscience courses related to the control of human movement. General research topics include strength acquisition, goal-directed movement control, and the effects of human aging on movement execution with emphasis given to postural control and balance.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Public Health Foundations Requirement for the Ph.D. in Human Performance degree in Motor Learning/Control

All Ph.D. degree students in the School of Public Health-Bloomington, who have not completed an MPH degree, are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Students at the undergraduate and graduate levels can assist in a wide variety of ongoing research experiments in the motor control laboratories.

Careers

- Careers for the M.S. —Students pursuing the M.S. degree are well prepared for research-related positions at research laboratories and/or research rehabilitation clinics. The M.S. degree also serves as preparation for pursuing the Ph.D. degree.
- Careers for the Ph.D. —Students earning the Ph.D. in motor control are well prepared for faculty research and teaching positions at colleges and universities.

Human Performance Major, Emphasis: Sport Management

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The doctoral sport management program at Indiana University was founded in response to a growing demand for researchers and professors in sport management. This doctoral program has produced several scholars who are professors at universities across the United States and around the world from South Korea to Australia. The Ph.D. program is focused on developing in doctoral students the research, critical thinking, and teaching skills necessary for them to be successful in academia. Students in the doctoral program are generally interested in pursuing professorial or administrative careers in the academic field of sport management. The coursework in the Ph.D. program provides an interdisciplinary approach to the study of sport management intended to build upon the each student's interest and thorough foundation in sport. Through elective coursework and doctoral seminars taught by graduate sport management faculty members, the program allows flexibility for students to explore a wide variety of opportunities and interests within the field of sport management (i.e., business, communication, history). Admission into the program is highly competitive, and courses are research intensive. For more information about this program, please visit the [program webpage](#) or contact the sport management graduate program coordinator, Dr. Kevin K. Byon, at kbyon@indiana.edu or the director of the sport management undergraduate and graduate programs, Dr. Antonio S Williams, aw22@indiana.edu.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Public Health Foundations Requirement for the Ph.D. in Human Performance degree in Sport Management

All Ph.D. degree students in the School of Public Health-Bloomington, who have not completed an MPH degree, are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses

in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.

- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Doctoral students are selected to work on a myriad of ongoing research projects at the discretion of their program advisors.

Careers

The Ph.D. in Sport Management prepares students for research and teaching careers in academia.

Doctoral Degree Program (Ph.D.)

Majors:

- Biostatistics
- Environmental Health
- Epidemiology
- Health Behavior
- Human Performance, Emphasis: Biomechanics
- Human Performance, Emphasis: Exercise Physiology
- Human Performance, Emphasis: Motor Learning/Control
- Human Performance, Emphasis: Sport Management
- Leisure Behavior
- Nutrition

Minors:

- Doctoral Minor Requirements

Leisure Behavior Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

This Ph.D. program prepares candidates for a career in research and teaching of leisure behavior and its associated inquiry methodologies. The emphasis is on research related to the student's specific area of interest in the field of leisure behavior, connections to resident faculty, and an in-depth investigation of a cognate field. As is the case with the pursuit of a terminal degree, this

program is individualized to meet each student's personal career goals.

Degree Requirements

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 90 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Public Health Foundations Requirement for the Ph.D. in Leisure Behavior

All Ph.D. degree students in the School of Public Health-Bloomington who have not completed an MPH degree are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6*

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills** (9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study** (30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study** (9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.
- **Electives** (0–28 credits). Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation** (20–30 credits)

Special Opportunities

Graduate academic appointments are available for students pursuing graduate studies in the Department of Health & Wellness Design. Selection criteria for a graduate assistantship or associate instructorship include scholarship records, experience, previous graduate work,

and letters of recommendation. Duties for a student academic appointment may involve assisting faculty with research, teaching or other departmental duties. Other special assignments may also be made.

Careers

The degree program is designed for graduate students wishing to pursue careers in higher education with a research and/or teaching focus. Career doors are also open to positions with city, state, private, and non-profit organizations.

Minors

Ph.D. Minors Offered by the School of Public Health-Bloomington

The School of Public Health-Bloomington offers doctoral minors which may be completed by Ph.D. degree students in departments other than that of the minor. Approved doctoral minors and their requirements are described below, ranging in size from 9 credits to 15 credits. A doctoral student may work with the minor advisor to develop an individualized minor which differs in title and requirements from the approved doctoral minors listed below. In such a case, a proposal for the individualized minor must be approved by the student's doctoral advisory committee, and by the associate dean of the University Graduate School.

Options for an Outside Doctoral Minor in the Department of Applied Health Science

Addictive Behaviors Complete 9 credits as follows:

Complete each of the following courses:

- SPH-B 518 The Nature of Addictive Disorders (3 cr.)
- SPH-H 518 Alcohol and Drug Education (3 cr.)

Complete 3 credits from the following elective courses in consultation with the minor advisor to include a selective topic directly related to addictive behaviors:

- SPH-B 701 Advanced Health Behavior Theory for Research (3 cr.)
- SPH-B 702 Advanced Evaluation and Research in Public Health (3 cr.)
- SPH-B 703 Acquiring External Funds for Research (3 cr.)
- SPH-H 791 Readings in Health Behavior (1–10 cr.)
- SPH-H 792 Research in Health Behavior (1–10 cr.)

Health Behavior Complete 12 health behavior graduate-level credits in consultation with the minor advisor.

Health Promotion Complete 15 credits as follows:

Complete the following course:

- SPH-B 589 Social and Behavioral Determinants of Health (3 cr.)

Complete one of the following courses:

- SPH-H 500 Foundations of Health Promotion (3 cr.)
- SPH-H 635 Health Promotion in the 21st Century (3 cr.)

Complete 9 additional graduate-level credits, selected in consultation with the minor advisor.

Human Development and Family Studies Complete 9 credits as follows:

Complete the following courses:

- SPH-F 654 Conceptual Frameworks in Human Development and Family Studies (3 cr.)
- SPH-F 656 Families and Health (3 cr.)

Complete 3 additional graduate-level SPH-F credits to be selected in consultation with the minor advisor.

Human Sexuality Education Complete 15 credits as follows:

Complete the following courses:

- SPH-B 589 Social and Behavioral Determinants of Health (3 cr.)
- SPH-H 515 Human Sexuality Education in Schools (3 cr.)
- SPH-H 595 Practicum in Sexual and Reproductive Health Education (3 cr.)
- SPH-H 555 Issues in Sexuality and Health (3 cr.)

Complete 3 additional graduate-level credits to be selected in consultation with the minor advisor.

Maternal and Child Health Complete 9 credits as follows:

Complete the following courses:

- SPH-H580 Foundational Issues in Maternal Child Health (3 cr.)

Complete six credits from the following courses, selected in consultation with the minor academic advisor (One course must be 600 level course)

- SPH-H 504 Breastfeeding: Practice and Policy (3 cr.)
- SPH-H522 Promoting Women's Health (3 cr.)
- SPH-H 602 Maternal and Child Safety Issues in the Workplace and Community (3 cr.)
- SPH-H603 Disparities in Maternal and Child Health (3 cr.)
- SPH-B650 Violence against Women (3 cr.)
- SPH-H665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-F650 Leadership in Maternal and Child Health (3 cr.)
- SPH-K507 Physical Activity & Health Throughout Childhood (3 cr.)

Nutrition Science Complete 12 credits as follows:

Complete the following courses:

- SPH-N 530 Advanced Human Nutrition (3 cr.)
- SPH-N 532 Advanced Human Nutrition II (3 cr.)
- BIOT-T 540 Structure, Function, and Regulation of Biomolecules (3 cr.)

Complete one course selected, in consultation with the minor advisor, from the following:

- SPH-N 520 Food Chemistry (3 cr.)
- SPH-N 531 Medical Nutrition Therapy (3 cr.)
- SPH-N 536 Applied Public Health Nutrition (3 cr.)
- SPH-N 600 Nutrigenomics (3 cr.)

- SPH-N 601 Phytonutrients (3 cr.)
- SPH-N 620 Nutrition in Sports (3 cr.)
- SPH-N 691 Readings in Nutrition Science (1-5 cr.)
- SPH-N 692 Research in Nutrition Science (1-5 cr.)

Public Health Complete 12 credits with a minimum cumulative doctoral minor GPA of 3.0 in the following courses:

- SPH-B 589 Social Determinants of Health (3 cr.)
- SPH-E 651 Epidemiology (3 cr.)
- SPH-V 541 Environmental Health (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Safety Management Complete 9 safety management graduate-level credits in consultation with the minor advisor.

Sexual and Reproductive Health Complete 12 credits from the following list of courses.

A minimum cumulative GPA of 3.0 is required courses taken to complete this minor.

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 526 Sexually Transmitted Infections and Society (3 cr.)
- SPH-H 555 Issues in Sexuality and Health (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Health, Identity, and Social Justice Complete 9 credits from the following list of courses.

- SPH-F150 African American and Latino Families (3 cr.)
- SPH-E657 Social Epidemiology (3 cr.)
- SPH-V560 Environmental Justice (3 cr.)
- SPH-R550 Sexual Wellness and Disability (3 cr.)

Doctoral Minor Electives (choose 3 credits from this listing)

- SPH-B535 Contemporary Issues in Aging and Health (3 cr.)
- SPH-B632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H524 Aging Today (3 cr.)
- SPH-V757 Women's Health: Law, Environment, and Health Policies (3 cr.)
- GNDR-G710 Gender, Medicine, and the Body (3 cr.)
- R-661/R761 Religion, Ethics, and Power (3 cr.)

Option for an Outside Minor in the Department of Environmental Health

Environmental Health Complete 9 credits as follows:

Complete the following course:

- SPH-V 541 Environmental Health (3 cr.)

Complete 6 credits from the following courses:

- SPH-V 510 Human Health and the Natural Environment (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 545 Exposure, Assessment, and Control (3 cr.)
- SPH-V 546 Risk Assessment Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)
- SPH-V 741 Molecular Toxicology (3 cr.)
- SPH-V 743 Environmental Health Sampling (3 cr.)
- SPH-V 745 Advanced Toxicology (3 cr.)
- SPH-V 747 Carcinogenesis (3 cr.)
- SPH-H 524* Gerontology: Multidisciplinary

Options for an Outside Minor in the Department of Epidemiology and Biostatistics

Biostatistics Complete 9 credits as follows:

Complete the following two required courses:

- SPH-Q 603 Categorical Data Analysis (3 cr.)
- SPH-Q 604 Applied Linear Regression (3 cr.)

Complete a third 3-credit course, to be selected in consultation with the minor advisor. Options are any SPH-Q course at the 600-level or above, excluding independent study courses, field experiences, or culminating experiences. Recommended 600-level choices include

- SPH-Q 602 Multivariate Statistical Analysis (3 cr.)
- SPH-Q 605 Analysis of Multilevel and Longitudinal Data (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-Q 612 Survival Analysis (3 cr.)

Epidemiology Complete 9 credits as follows:

Complete the following courses:

- SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.) or an equivalent course contingent upon approval from the minor advisor.

Complete a third 3-credit course in consultation with the minor advisor. Options include any SPH-E course at 600-level or above, excluding independent study courses, field experiences, or culminating experiences. Recommended 600-level choices include:

- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 654 Psychiatric and Drug Use Disorder Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

Option for an Outside Minor in the Department of Kinesiology

Human Performance Complete 12 credits of graduate-level human performance courses to be selected in consultation with the minor advisor.

Option for an Outside Minor in the Department of Health & Wellness Design

Leisure Behavior Complete 10 credits as follows:

Complete the following 3 courses:

- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 782 Advanced Research Inquiry in Recreation, Park, and Tourism Studies (2 cr.)
- SPH-R 794 Doctoral Seminar: Leisure Behavior (2 cr.)

Complete 3 additional graduate-level credits to be selected, in consultation with the student's Leisure Behavior Minor advisor, from other Health & Wellness Design courses.

Biostatistics Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Ph.D. program in Biostatistics is designed to train independent researchers who will advance the field of biostatistics, including the development of innovative methodologies and the application of new and existing methods to health-related questions. The students will receive fundamental training in probability and statistical theory, regression models, and statistical computing. They will also gain expertise in modern topics such as statistical learning, statistical genetics and genomics, high-dimensional models, clinical trials, and research rigor and reproducibility. Our program also emphasizes research in interdisciplinary areas, effective collaboration and communication with scientists and practitioners, and ability to teach biostatistics. The training and experience of our students will prepare them to be application savvy and leadership-ready for careers in academia, government and industry.

Common Ph.D. Degree Requirements

- A minimum of 90 graduate-level credits are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the minor and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the major and research skills requirement of the course prescription.

Required Components for the Ph.D. Degree in Epidemiology:

All Ph.D. in Biostatistics degree students in the School of Public Health-Bloomington are required to complete the following two requirements:

- **Public Health Foundations Requirement (0 credits)** // School of Public Health graduate students

must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

- SPH-E 651, Epidemiology (3 cr.), or its equivalent. (The credits may be counted towards either major, minor or elective area of study described below)

Research Skills (9 credits minimum)

The following courses must be taken within the School of Public Health-Bloomington. No substitutions and transfer equivalency will be allowed for the following courses.

- SPH-Q 711 Advanced Biostatistical Computing (3 cr.)

The following courses should be taken within the School of Public Health-Bloomington, or transferred from previous graduate work contingent upon approval of advisory committee.

- Additional coursework prescribed by the doctoral advisory committee (6 cr.)

Qualifying Exam (0 credits)

Each Ph.D. degree student in biostatistics must pass a doctoral qualifying exam that assesses the extent to which the student has attained the program's required competencies. The qualifying exam includes a standardized written portion administered by the Department of Epidemiology and Biostatistics.

Major Area of Study (30 credits minimum)

The following courses must be taken within the School of Public Health-Bloomington. No substitutions and transfer equivalency will be allowed for the following courses.

- SPH-Q 703 Generalized Linear Models (3 cr.)
- SPH-Q 752 Advanced Biostatistical Inference (3 cr.)

The following courses should be taken within the School of Public Health-Bloomington, or transferred from previous graduate work contingent upon approval of the doctoral advisory committee.

- SPH-Q 651 Introduction to Statistical Distribution in Public Health (3 cr.)
- SPH-Q 652 Biostatistical Inference (3 cr.)
- SPH-Q 604 Applied Linear Regression (3 cr.)
- SPH-Q 605 Analysis of Multi-level and Longitudinal Data (3 cr.)
- SPH-Q 612 Survival Analysis (3 cr.)
- Additional major coursework prescribed by the doctoral advisory committee (9 cr.)

Minor Area of Study (9 credits minimum)

A minimum of 9 credits of coursework in a designated area other than biostatistics

Electives (0–18 credits)

Elective credits may range between 0 and 18. An optional second minor may be included in the elective credit hours. Courses are recommended to provide background

knowledge for areas where biostatistical methods are applied, such as biology, genetics, psychology, etc.

Dissertation (20–30 credits)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities supervised by faculty members or in collaboration with other graduate students. Through funded graduate assistantship (GA) appointments, doctoral students may also have the opportunities to work with our external industry partners and to acquire essential skills and experience in teaching. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences.

Careers

The field of biostatistics is unique in that it combines elements of the medical field with that of math, statistics, and science, offering a wide array of different types of jobs in biostatistics. The Bureau of Labor Statistics predicts the job outlook for biostatistics to grow 30% from 2018 to 2028, much faster than the average for all occupations (i.e., 5%). Biostatisticians are hired by a wide variety of industries and institutions:

- State and local health departments (e.g., the Indiana State Health Department and Monroe, Marion, and Morgan County Health Departments).
- Federal government agencies (e.g., the National Institutes of Health, the Department of Health and Human Services, the Centers for Disease Control and Prevention, and the U.S. Food and Drug Administration).
- Pharmaceutical companies (e.g., Pfizer, Merck, Eli Lilly, Bristol-Myers Squibb).
- Technology companies (e.g., Google, Microsoft, Amazon).
- Medical device companies (e.g., Abbott, Cook).
- Insurance companies (e.g., Anthem Insurance Companies, Inc., and Cigna Corporation).
- Institutes of higher education (e.g., the University of Michigan and the University of Chicago).
- International agencies (e.g., the World Health Organization and the U.S. Agency for International Development).
- Consulting firms.
- Medical centers and health care facilities.

Nutrition

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Ph.D. program in Nutrition focuses on public health nutrition issues, preparing graduates to teach and conduct scholarly inquiry or undertake careers in policy or industry within a number of contemporary areas in nutrition, including nutrition and the prevention or management of chronic diseases; community-based participatory research; randomized controlled trials; nutrition diagnostics; international nutrition; micronutrients; nutrition and aging, and implementation science.

Doctor of Philosophy (Ph.D.) in Nutrition

Common Ph.D. Degree Requirements:

- A minimum of 90 graduate-level credits beyond the Bachelor's degree is required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the minor and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the major and research skills requirement of the course prescription.

Required Components for the Ph.D. Degree in Nutrition

All Ph.D. in Nutrition degree students in SPH are required to complete the following:

Public Health Foundations Requirement (online course) prior to registering for the first semester courses.

Major Area of Study (30 credits minimum)

A minimum of 30 credits to acquire knowledge in nutrition, the major area of study. These courses must be taken within SPH. No substitutions or transfer equivalency will be allowed for the following courses.

- SPH N 730 - Regulation of Nutrient Metabolism I (3 credits)
- SPH N 732 - Regulation of Nutrient Metabolism II (3 credits)

The following courses should be taken within SPH or transferred from previous graduate work contingent upon approval of the Advisory Committee.

Courses transferred from previous graduate work outside the SPH, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the approval of the Advisory Committee, the Executive Associate Dean of SPH, and the IU Graduate School.

- SPH E 680 – Nutritional Epidemiology (3 credits)
- SPH N 701 – Special Topics in Nutrition (3 credits)
- SPH N 602 – Food & Nutrition Policy & Regulations (3 credits)
- Additional major coursework prescribed by the doctoral Advisory Committee
- SPH H 750 - PhD Student Seminar: Introduction to Doctoral Studies (1 credit)
- SPH N 700 - Nutrition Research Methods, Rigor, Reproducibility, & Transparency (3 credits)
- Additional major coursework prescribed by the doctoral Advisory Committee (10 credits)

Research Skills (13 credits minimum)

The following courses must be taken within SPH. No substitutions and transfer equivalency will be allowed for the following courses.

- SPH B 703 - Acquiring External Funds for Research (3 credits)
- SPH N 617 – Communication of Nutrition Science to Diverse Audiences (3 credits)
- SPH N 794 - Graduate Seminar in Nutrition (minimum of 4 credits; 1 credit hour per semester)

A minimum of 3 credits of additional coursework providing required skills to conduct research in nutrition.

- SPH B 650 Quantitative Methods I for Public Health Research (3 credits)
- SPH B 702 Advanced Evaluation Research in Public Health (3 credits)
- SPH H 750 Qualitative Research Methods (3 credits)

Or, other courses as prescribed by the doctoral Advisory Committee

Minor Area of Study (9 credits minimum)

A minimum of 9 credits of coursework in a designated area outside the nutrition area (e.g., Health Behavior, Biostatistics/Epidemiology, Kinesiology, Anthropology of Food).

Electives (0 to 18 credits)

Elective credits may range between 0 and 18. An optional second minor may be taken in lieu of elective credit hours.

Suggested elective:

- SPH H 710 – Pedagogy in Health behavior (3 credits)

Doctoral Qualifying Exam

Each Ph.D. degree student in nutrition must pass a doctoral qualifying exam that assesses the extent to which the student has attained the program's required competencies. The qualifying exam includes a written portion and an individualized oral portion administered by the student's advisory committee. The student must be satisfactory in both portions to pass the qualifying exam.

Dissertation (20-30 credits)

SPH N 799 – PhD Dissertation

Special Opportunities

Students have the opportunity to develop skills by participating in research activities supervised by faculty members or in collaboration with other graduate students. Through funded graduate assistantship (GA) appointments, doctoral students may also have

the opportunities to work with our external industry partners and to acquire essential skills and experience in teaching. Students are strongly encouraged to publish research in professional journals and present it at national conferences.

Careers

Most graduates pursue careers in higher education as professors and researchers while some complete postdoctoral fellowships. Others pursue research or executive careers in governmental agencies such as the Centers for Disease Control and Prevention, or in state and local health departments, nonprofit health agencies, or industry.

Graduate Programs

The School of Public Health-Bloomington offers a wide variety of academic programs for graduate students. For information about individual programs, please click on the choices below.

Master of Public Health Degree (M.P.H.)

Majors:

- Behavioral, Social, and Community Health (residential only)
- Environmental Health
- Online Environmental Health
- Epidemiology
- Online Epidemiology (note: courses offered online in this concentration are synchronous)
- Online Parks and Recreation
- Physical Activity (this concentration is paused)
- Online Physical Activity
- Online Public Health Administration

Master of Science Degree (M.S.)

Majors:

- Biostatistics

Master of Science in Applied Health Science Degree (M.S.A.H.S.)

Majors:

- Health Promotion
- Nutrition
- Online Safety Management

Master of Science in Environmental and Occupational Health Degree (M.S.E.O.H.)

Major:

- Environmental and Occupational Health

Master of Science in Athletic Training Degree (M.S.A.T.)

Major:

- Athletic Training

Master of Science in Kinesiology Degree (M.S.K.)

Majors:

- Athletic Administration/Sport Management
- Kinesiology

Master of Science in Recreation Degree (M.S.R.)

Majors:

- Outdoor Recreation
- Online Outdoor Recreation
- Online Recreation Administration
- Online Recreational Therapy
- Online Tourism Management

Joint Graduate Degrees

Master of Public Health Degree (M.P.H.), Public Health Administration Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

This program prepares students to assume leadership roles in the public and private sectors and to effectively create and implement policies and manage programs that promote the public's health with the opportunity to focus on rural populations. Coursework is completed in health policy, finance and budgeting, program evaluation, leadership, legal issues, and resource acquisition and management. Students have the opportunity for significant research and practice involvement with public health and health services organizations in Indiana and beyond.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44-47 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Public Health Administration Concentration (12 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

Option1: Additional M.P.H. Concentration or Graduate Certificate (12-15 credits)

Complete all courses in one of the eight following choices. (12 credits)

M.P.H. concentration in Social, Behavioral, and Community Health (12 credits) (in-person only)

Successful completion of the following four courses earns the student a second concentration in Social, Behavioral, and Community Health.

- SPH-X 660 Population Health Determinants (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-____ A Behavioral, Social, and Community Health Elective Approved by the MPH Advisor (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused)

Successful completion of the following four courses earns the student a second concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Epidemiology (15 credits) (note: courses offered online in this concentration are synchronous)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.

- SPH-E 651 Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3 cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

M.P.H. concentration in Environmental Health (15 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 545 Exposure Assessment and Control (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (15 credits)

Successful completion of the following five courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-X 660 Population Health Determinants (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor.

Special Opportunities

Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. The Master of Public Health (MPH) degree program is accredited by the Council for Education in Public Health (CEPH).

Careers

Public health careers can be found in regulatory agencies; advocacy groups; professional associations; think tanks; consulting firms; local, state, and federal government agencies; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and with health foundations and health-based grant projects. A public health degree specializing in public health administration can lead to career positions such as the following:

- Evaluation Specialist
- Public Health Advisor
- Public Health Policy Analyst
- Public Health Research Coordinator
- Program Manager
- Project Director
- Program Coordinator
- Public Health Consultant

Master of Public Health Degree (M.P.H.) Behavioral, Social, and Community Health Major (in-person only)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The M.P.H. in Behavioral, Social, and Community Health trains students to research, analyze and address the social and behavioral factors that influence health and health outcomes at the individual, community, and population levels. Students work collaboratively with faculty and community stakeholders to find solutions for critical issues in population health and health equity. The program of study includes the core disciplines in public health, courses in social and behavioral health, and options for elective courses tailored to students' interest. Program graduates will have knowledge and skills in the design, development, implementation, and evaluation of public health interventions as well as in acquiring and managing funds to support interventions and programming. Alumni work in settings ranging from the CDC and state health departments to non-profit and private sector organizations. The flexible program allows students to choose a second M.P.H. concentration or a graduate certificate in a range of specialized public health areas.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite

courses may be prescribed for students lacking sufficient background for graduate study in public health.

M.P.H. Master of Public Health Degree Requirements (44 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Behavioral, Social & Community Health Concentration (12 credits) (in-person only)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design in Public Health (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12 - 15 credits)

Complete all courses in one of the eight following choices. (12 credits)

M.P.H. concentration in Public Health Administration (12 credits)

Successful completion of the following four courses earns the student a second concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)
- SPH-__ A Public Health Administration Elective approved by the MPH academic advisor (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (This concentration is paused)

Successful completion of the following four courses earns the student a second concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Epidemiology (15 credits)
(Note: courses offered online in this concentration are synchronous)

Successful completion of the following requirements earns the student a second MPH concentration in Epidemiology.

- SPH-E 651 Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)

M.P.H. concentration in Environmental Health (12 credits)

Successful completion of the following requirements earns the student a second MPH concentration in Environmental Health

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

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Online Graduate Certificate in Sexual and Reproductive Health (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Note: SPH-B 589 Theories and Conceptual Frameworks in Public Health, which is required for this certificate, is already completed as one of the required BSCH concentration courses.

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (This certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor. XXXX-X XXX (3 cr.) P: Prior permission of advisor XXXX-X XXX (3 cr.) P: Prior permission of advisor XXXX-X XXX (3 cr.) P: Prior permission of advisor XXXX-X XXX (3 cr.) P: Prior permission of advisor

Special Opportunities

The M.P.H. program at IU balances theoretical knowledge with a professional practice experience and opportunities to work with faculty on research, teaching, and service projects. The Master of Public Health (M.P.H.) degree program at IU is accredited by the Council for Education in Public Health (CEPH). Examples of current research and community engagement include:

- The Person to Person Health Interview Study - This project aims to understand and improve the physical and mental health of Indiana residents, bringing the voice of the people to Indiana public health policy.
- Project UNITE - Uncovering new Initiatives for Teen Empowerment – Working within a rural community, researchers work with community members to design and implement a multi-level teen pregnancy intervention that fits the cultural preferences of teens, parents, and caregivers.
- IN-PART: Indiana Networks of Prescribers of Opioids and Related Treatments – Research project examining how physician networks affect HIV prophylaxis prescribing in the U.S.
- Mexico's Physical Activity Report Card - The Report Card is a knowledge translation tool summarizing current evidence around physical activity of children and youth in Mexico. The Report Card is part of the Global Matrix Project, a global evaluation focused on assessing physical activity levels and opportunities among children and youth.
- Dig It – Health coaching to prevent diabetes for pre-adolescents. Includes screening and interventions that address food insecurity.
- Tracking Together – Research project examining the impact of simultaneous Use of Human and Dog Activity Trackers. Funded by Purina
- Ad-Vance/Greene County Kids! – Formative study that uses community-engaged approaches to inform the development of a rural, multi-level community

community-based intervention to prevent obesity in preschool-aged children.

- CACFP Disparities Study - Project to assess drivers of the disparities in childcare center participation in the USDA-funded Child and Adult Care Food Program (CACFP) across four states with high poverty levels.

Careers

Growing public interest in optimal and equitable health outcomes for all is increasing the demand for public health professionals. Public health careers can be found in local, state, and federal government; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; health foundations and health-based grant projects. Graduates of this program assume leadership roles that influence education, policy development, advocacy efforts, research, program development, implementation, and evaluation. A M.P.H. degree with a concentration in Behavioral, Social and Community Health can lead to career positions such as:

- Case Manager Specialist
- Community Health Worker
- Contact Tracer
- Community Health Educator
- Disease Intervention Specialist
- Global Health Worker
- Health Program Evaluator
- Health Promotion Specialist
- Maternal and Child Health Specialist
- Obesity Prevention Coordinator
- Program Director
- Public Health Educator
- Public Health Program Manager
- Public Health Researcher
- Sexual Health Educator
- Technical Advisor for HIV/AIDS Programs
- Vaccine Advisor and Program Manager
- Youth Tobacco Prevention Coordinator

Master of Public Health Degree (M.P.H.), Environmental Health Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Students in this concentration gain technical skills for the development, implementation and evaluation of practices that seek to identify, prevent or minimize the adverse impact of environmental and occupational hazards on human health. Students complete coursework related to the assessment and control of environmental and occupational exposures, the effects of these exposures on human health, principles of toxicology, and toxic regulations and policies. Upon completion of the program, students will be able to communicate environmental health risks to the public, analyze the impact of environmental assaults and exposures to susceptible populations, and manage environmental and occupational risks.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Environmental Health Concentration (21 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12 - 15 credits)

Complete all courses in one of the eight following choices.

M.P.H. concentration in Behavioral, Social, and Community Health (12 credits) (in-person only) Successful completion of the following four courses earns the student a second M.P.H. concentration in Behavioral, Social, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits) *Successful completion of the following four courses earns the student a second M.P.H. concentration in Public Health Administration.*

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused) *Successful completion of the following four courses earns the student a second M.P.H. concentration in Physical Activity.*

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Epidemiology (15 credits) (note: courses offered online in this concentration are synchronous) *Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.*

- SPH-E 651 Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3 cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

Online Graduate Certificate in Sexual & Reproductive Health (15 credits) *Successful completion of the following requirements earns the student an online graduate Certificate in Sexual & Reproductive Health when it is approved and in the IU system.*

- SPH-B 589 Theories & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health Education (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)

Online Graduate Certificate in Safety Management (12 credits) *Successful completion of the following courses earns the student an online graduate Certificate in Safety Management.*

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)

- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (9 credits)

Complete nine credits of graduate-level electives selected in consultation with the student's advisor.

- XXX-X XXX (3 cr.) P: Prior permission of advisor
- XXX-X XXX (3 cr.) P: Prior permission of advisor
- XXX-X XXX (3 cr.) P: Prior permission of advisor

Special Opportunities

Graduates with environmental health degrees are more likely to get hired soon after graduation. There is a national shortage of trained environmental health professionals. The number of environmental health threats continues to grow: E-coli outbreaks, West Nile Virus, devastating events such as September 11th, & Hurricane Katrina, bring about environmental health threats that calls for an increase in the number of people trained to address these issues. We need more people to choose a career in environmental health to protect human health and the environment.

Careers

Environmental health professionals are everywhere and hold a variety of job titles. Below are just a few of the settings in which you could work:

- State, county and city health agencies
- Environmental consulting companies
- Private corporations
- Federal government
- International organizations
- Nonprofit organizations
- Academia (colleges and universities)

An environmental health specialist is a general term for someone who inspects environmental health systems to make sure they are in compliance with local, state and federal regulations. These regulations are set by the government to keep citizens safe and healthy. Responsibilities often include:

- Reviewing permits

- Collecting and interpreting data
- Investigating complaints
- Monitoring
- Educating
- Performing inspections

Master of Public Health Degree (M.P.H.), Epidemiology Major (Note: courses offered online are synchronous)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The M.P.H. in Epidemiology prepares students to assume a leadership role in public health, academia or the private sector. Graduates can perform epidemiologic analyses that impact health and disease management by contributing to the understanding of disease etiologies. Epidemiology students will develop skills in study design and research methodology while gaining knowledge of the social and lifestyle determinants that affect health. The graduate will leave with extensive training in epidemiologic methods that will enable them to improve public health through excellence in research and practice.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44–50 credits)

M.P.H. Degree Core (23 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found at the following website: <https://iu.instructure.com/enroll/MNG3L6>

Integrated Public Health Core (15 credits)

Complete each of the following courses.

- SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)

- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Epidemiology Concentration (12 credits) (Note: courses offered online are synchronous)

Required Concentration Courses (12 credits)

Complete the following courses.

- SPH-E 658 Intermediate Epidemiology (3 cr.) (p: SPH-E 651)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.) (p: SPH-E 651)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12–15 credits)

Complete all courses in one of the eight following choices.

M.P.H. concentration in Behavioral, Social, and Community Health (12 credits) (in-person only) Successful completion of the following four courses earns the student a second M.P.H. concentration in Behavioral, Social, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits) Successful completion of the following four courses earns the student a second concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused) Successful completion of the following four courses earns the student a second M.P.H. concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Environmental Health (12 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)

- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Note: SPH-B 589 Theories and Conceptual Frameworks in Public Health, which is required for this certificate, is already completed as one of the required BSCH concentration courses.

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use Disorder and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option Two: Other Electives (9 credits)

Complete 9 graduate-level credits of electives to be chosen in consultation with the student's M.P.H. advisor.

- XXX-X XXX (3 cr.) (p: Prior permission of advisor)
- XXX-X XXX (3 cr.) (p: Prior permission of advisor)
- XXX-X XXX (3 cr.) (p: Prior permission of advisor)

Complete six credits of graduate-level electives selected in consultation with the student's advisor (6 cr.):

Special Opportunities

Graduates with epidemiology degrees are likely to get hired soon after graduation. Emergent infectious diseases and the need to improve health of an aging nation require an understanding of the epidemiology of both infectious and chronic diseases. Moreover, as the emphasis of obesity reduction and other lifestyle related health issues continues to increase, there are special opportunities for epidemiologists who are familiar with health maintenance and wellness strategies. The relationships that epidemiologists identify among healthy lifestyles and positive outcomes will shape the wellness programs of the future. Epidemiology is a field that often has international opportunities, even for recent graduates.

Careers

Epidemiologists are everywhere and hold a variety of job titles. Many have learned the discipline on the job so candidates with formal training will have a competitive edge in the marketplace. The following is a list (not by any means exhaustive) of possible job settings:

- State, county and city health agencies
- Environmental consulting companies
- Private corporations
- Federal government
- International organizations
- Nonprofit organizations
- Academia (colleges and universities)

Epidemiologists study patterns of disease. Epidemiology is an expanding field that also now includes the study of disease prevention and wellness. The variety of tasks in which an epidemiologist may be engaged is extensive. As a result, this is a career that can be flexible and continually evolving. Some typical job responsibilities include:

- Collection of disease outbreak data
- Study design development
- Data analysis
- Program evaluation design
- Study coordination

Master of Public Health Degree (M.P.H.), Parks and Recreation Major - Online (this concentration is paused)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The content of the online Master of Public Health (M.P.H.) degree with a major in Parks and Recreation exposes students to public health approaches in the management of recreation services and resources in various settings. This degree is for students interested in public agencies, private/commercial agencies, or general park administration and management. Students in this program will learn about the linkages between recreation and public health, while acquiring administration and leadership skills for developing, delivering, and administering recreational programs and resources with specific public health outcomes in mind.

Students in this program will master competencies in public health core areas including epidemiology, biostatistics, social and behavioral sciences, environmental health, and health policy and management. The concentration courses, field experience, and capstone experience all prepare the student to address public health issues within the parks and recreation sector.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44–47 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the *Public Health Foundations* online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Parks and Recreation Concentration (12 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-O 510 Human Health, Quality of Life, and Natural Environments (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 512 Administrative Theory and Management Practices in Leisure Services (3 cr.)
- SPH-R 585 Leisure as a Determinant of Public Health (3 cr.)

Additional Graduate Certificate (12–15 credits)

Complete all courses in one of the following certificate programs. (12–15 credits)

Online Graduate Certificate in Sexual and Reproductive Health (15 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)

Note: SPH-B 589 Theories and Conceptual Frameworks in Public Health, which is required for this certificate, is already completed as one of the required BSCH concentration courses.

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor.

- XXXX-X XXX (3 cr.) P: Prior permission of advisor
- XXXX-X XXX (3 cr.) P: Prior permission of advisor
- XXXX-X XXX (3 cr.) P: Prior permission of advisor
- XXXX-X XXX (3 cr.) P: Prior permission of advisor

Special Opportunities

The Master of Public Health (M.P.H.) degree program is accredited by the Council for Education in Public Health (CEPH). The curriculum has been designed to provide students with a solid background in public health,

leisure philosophy, park and recreation administration, program development in leisure services, with options for specialized ecosystem management and tourism. The field and integrated learning experiences are further designed, such that students are able to utilize and gain mastery of the competencies learned from coursework.

Careers

School of Public Health-Bloomington graduates with a M.P.H. degree in Parks and Recreation will most likely work in administrative positions within municipal and public park sectors, and be able to: (1) effectively develop programs with overarching goals to improve the status of their community's public health, (2) eloquently articulate the significant role parks and recreation have in supporting public health, and (3) interface with traditional public health professionals (and others) to develop and coordinate innovative and collaborative solutions to community public health challenges. Example roles for graduates include:

- Municipal park superintendent or director
- Program coordinator/director for park agency
- Program coordinator/director for the National Park Service's Healthy Parks-Healthy People program
- Proprietor of a private recreation facility or service provider
- State park program director/coordinator
- Local (county or city) health department associate
- Extension agent (health and human services position)

Master of Public Health Degree (M.P.H.), Physical Activity Major (this concentration is paused)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Public health organizations have recently turned their attention to physical inactivity, a modifiable behavior, as it has been recognized as a major risk factor for chronic diseases. The Master of Public Health concentration in Physical Activity trains professionals to effectively quantify physical activity, monitor populations, and design interventions focused on improving health through the promotion of physical activity. You will learn how to assess physical activity behavior, to apply behavioral theories when designing physical activity interventions, use epidemiology techniques to describe the relationship between physical activity and health and to develop public health policies aimed at impacting physical activity behavior. You will have the opportunity to work with faculty with interdisciplinary interests such as health games, worksite wellness, recreation, and disabilities.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite

courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44–47 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinants (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Physical Activity Concentration (24–27 credits) (this concentration is paused)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-K 553 Physical Activity and Health (3 cr.)
- SPH-K 556 Physical Activity Assessment in Public Health (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12–15 credits)

Complete all courses in one of the eight following choices. (12–15 credits)

M.P.H. concentration in Social, Behavioral, and Community Health (12 credits) (in-person only)

Successful completion of the following four courses earns the student a second concentration in Social, Behavioral, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits)

Successful completion of the following four courses earns the student a second concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Epidemiology (12 credits)
(note: courses offered online in this concentration are synchronous)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.

- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3 cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

M.P.H. concentration in Environmental Health (15 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health.

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 545 Exposure Assessment and Control (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (15 credits)

Successful completion of the following five courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 589 Theories and Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor.

Special Opportunities

Faculty will identify opportunities to work within the academic and broader community to allow for skill building, networking, research, and practical experience. Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. The Master of Public Health (M.P.H.) degree program is accredited by the Council for Education in Public Health (CEPH).

Careers

Public interest in a healthy lifestyle is increasing the demand for public health professionals. Below is a list indicating a few of the settings in which you could work:

- Centers for Disease Control and Prevention
- Local, state, and federal government
- Nonprofit organizations
- Businesses and corporations
- County and state health departments
- Universities
- Health foundations and health-based grant projects

Individuals who earn a public health degree with a concentration in physical activity will be well suited to play an integral role in multidisciplinary team centered on health promotion and disease prevention. A public health degree in physical activity can lead to career positions such as:

- Community Health Promotion Specialist
- Community Physical Activity Specialist
- Physical Activity Epidemiologist
- Nutrition and Physical Activity Program Manager
- Physical Activity Policy Analyst
- Public Health Advisor

Master of Science (M.S.) in Environmental and Occupational Health Degree

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Master of Science (M.S.) in Environmental and Occupational Health is a research-focused degree, designed to be completed in two years, with either a thesis or a graduate research project that is typically completed during the final year in the program. The M.S. in Environmental and Occupational Health degree will provide graduate students with training in important analytic and technical skills and cutting-edge research methods in environmental and occupational health. Students who graduate from this program will be prepared to enter the job market, where there are a wide range of opportunities in environmental health and related fields. Furthermore, this degree will prepare students to enter advanced graduate programs focused on research in environmental, occupational and other public health disciplines (PhD, DrPH), as well as other health-related academic and professional disciplines (MD, DO, DVM).

Degree Requirements

A minimum of 30 credit hours is required to complete this degree program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course.

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Environmental and Occupational Health Core: (15 credits)

Complete each of the following courses (12 cr.):

- SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (or equivalent)
- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 692 Research in Environmental Health (3 cr.)

Environmental and Occupational Health Electives: (9 credits)

Complete 9 credits from the following courses (15 cr.):

- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 545 Exposure Assessment and Control (3 cr.)
- SPH-V 546 Risk Assessment, Policy, and Toxic Regulations (3 cr.)

- SPH-V 522 Global Environmental Health Issues (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)
- SPH-V 549 Public Health Biology (3 cr.)
- SPH-V 532 Foundations of Global Environmental Health (3 cr.)
- SPH-V 533 Human Health Assessment Methods in Global Settings (3 cr.)
- SPH-V 633 Field Research Methods in Global Environmental Health (3 cr.)
- SPH-V 635 Interdisciplinary Field Research in Global Environmental Health (3 cr.)
- SPH-V 691 Readings in Environmental Health
- SPH-V 5__ Other advisor approved Environmental and Occupational Health course at the 500-level or higher (3 cr.)

Required Research Option: (3-6 credits)

Complete one of the following courses:

- SPH-V 599 Masters Thesis (6 cr.)

OR

- SPH-V 598 Graduate Research Project in Environmental and Occupational Health (3 cr.)

Multidisciplinary Electives: (3-6 credits)

Complete between 3 and 6 credits from the following courses, or from the Environmental and Occupational Health Electives above in addition to the required 9 credits above:

- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 502 Introduction to Statistics in Public Health (3 cr.)
- SPH-Q 602 Multivariate Statistical Analysis (3 cr.)
- SPH-V 625 Integrated Models for Environmental Health Research (3 cr.)
- SPH-V 650 Special Topics in Environmental Health (3 cr.)
- SPEA-E 536 Environmental Chemistry (3 cr.)
- SPEA-E 539 Aquatic Chemistry (3 cr.)
- SPEA-E 542 Hazardous Materials (3 cr.)
- SPEA-E 543 Environmental Management (3 cr.)
- SPEA-E 552 Environmental Engineering (3 cr.)
- SPEA-E 560 Environmental Risk Analysis (3 cr.)
- SPEA-E 562 Solid and Hazardous Waste Management (3 cr.)
- SPEA-E 564 Organic Pollutant Environmental Chemicals and Fate (3 cr.)
- BIOC-B 501 Integrated Biochemistry (3 cr.)
- BIOC-B 530 Macromolecular Structure/Function (1.5 cr.)
- BIOC-B 531 Biomolecular Analysis/Interact (1.5 cr.)
- BIOC-B 580 Intro to Biochemical Research (3 cr.)
- BIOL-M 550 Microbiology (3 cr.)
- EAS-G 576 Climate Change Science (3 cr.)
- GEOG-G 535 Environmental Remote Sensing (3 cr.)

- Others courses as approved by the faculty advisor (3 cr.)

Special Opportunities

The Department of Environmental and Occupational Health is committed to promoting and protecting the health and well-being of human populations. Our department is comprised of diverse faculty who are engaged in multidisciplinary research, teaching and service in Indiana and globally. The research of faculty within the Department of Environmental and Occupational Health is broadly focused on understanding how environmental risks impact human health. We seek to provide students with the necessary skills and knowledge in toxicology, occupational health, and global environmental health to solve environmental health challenges locally and globally.

Careers

The M.S. in Environmental and Occupational Health degree will serve both a national and a state labor market need. The job outlook for environmental health scientists and specialists is strong. The Bureau of Labor Statistics estimates an approximate 11% increase in employment of environmental scientists and specialists from 2014 to 2024 (bls.gov/ooh/life-physical-and-social-science/environmental-scientists-and-specialists.htm). The Indiana Department of Workforce Development (DWD) estimates an 17.7% increase in jobs for environmental scientists and specialists, and a 16.4% increase in jobs for environmental science and protection technicians between now and 2024.

Students who graduate with an M.S. in Environmental and Occupational Health degree will be prepared to enter the job market where there are a wide range of opportunities. Individuals holding an M.S. in Environmental and Occupational Health degree are employed in virtually every sector of the workforce, including:

- State and local health departments, for example the Indiana State Health Department or Marion County Health Department
- Federal government agencies such as the Environmental Protection Agency, National Institutes of Health, Department of Health and Human Services, and the Centers for Disease Control and Prevention
- Pharmaceutical and chemical companies such as Cook, Bristol-Myers Squibb, Chevron Corporation, Corteva Agriscience, Dupont, and Eli Lilly
- International agencies and organizations such as the World Health Organization, Pan American Health Organization, United Nations Environment Programme, and World Bank
- Consulting firms
- National and global organizations such as the Bill and Melinda Gates Foundation, Kaiser Foundation, CARE, Save the Children, UNICEF, and the World Health Organization
- Academia, including medical centers and biomedical research laboratories

The research-intensive M.S. in Environmental and Occupational Health prepares students to enter advanced graduate programs focused on research in environmental, occupational, and other public health disciplines, (Ph.D.,

Dr.P.H.), environmental science, biology, and health-related professions.

Master of Science in Applied Health Science Degree (M.S.A.H.S.), Online Safety Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Protecting America's workforce, the general public, and the environment from injury and illness in today's age of technological and scientific advancement has become one of the most challenging and rewarding career fields available. The safety programs in School of Public Health-Bloomington prepare students to respond to the needs of employees and the public, analyze hazardous situations, and research government regulations to determine which problems pose significant hazards. Safety managers recognize and devise methods to control hazards with management skills and techniques needed to administer a department or facility.

Degree Requirements

A minimum of 30 graduate credit hours is required for the safety management program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. A minimum of 20 credits must be in the Department of Applied Health Science.

Complete the following requirements to reach a minimum total of 30 graduate credits:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Required Safety Management Program Courses (30 credits)

Complete each of the following required courses (30 cr.):

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 514 Safety Standards for Industry and Construction (3 cr.)
- SPH-S 515 Safety Performance Measures and Leadership (3 cr.)
- SPH-S 552 Principles and Concepts of Workplace Safety Behavior (3 cr.)
- SPH-S 590 Introduction to Research in Safety Management (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety and Health Program Design (3 cr.)
- SPH-S 650 Topics: Metrics in Safety Management (3 cr.)

- SPH-S 784 Advanced Seminar in Safety Management

Special Opportunities

Working professionals may become admitted to the degree program, and complete it without ever having to step foot on campus. Students will have access to the [IU Safety & Industrial Hygiene Laboratory](#).

The M.S.A.H.S. in Safety Management Program is considered a Qualified Academic Program (QAP) by the Board of Certified Safety Professionals, which means it is an academic degree program in safety, health, and/or environmental practices that meets BCSP standards and whose curriculum shows a substantial match with the Associate Safety Professional (ASP) examination blueprint. As a result, upon graduation, students can apply for and receive the Graduate Safety Professional Designation (GSP) through the Board of Certified Safety Professionals.

Careers

Safety professionals frequently have responsibility for a variety of functions; they must have a broad knowledge of various fields. Some of the major functions performed include safety training, accident investigation, audits and inspections, hazard analysis, fire protection, compliance, machine guarding, and emergency preparedness. According to a recent survey of American Society of Safety Professionals, the largest employer groups are manufacturing, construction, consulting firms, insurance, service industries, health care, transportation, utilities, and nonprofit and government organizations. Typical job titles include safety manager, safety director, safety specialist, and safety & health coordinator.

Master of Science in Athletic Training (M.S.A.T.) Degree

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Master of Science in Athletic Training (M.S.A.T.) program is a CAATE-accredited, two-year professional degree program that prepares students for a career as an athletic trainer. The program includes a rigorous combination of classroom, clinical, and research experiences that expose students to the continuum of care of the athletic training profession. Students who earn an M.S. in Athletic Training are prepared to sit for the Board of Certification (BOC) examination.

Degree Requirements

A minimum of 52 credit hours is required to complete the professional athletic training program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

Students in the MS in Athletic Training degree program must complete the Public Health Foundations online prerequisite prior to the first day of classes. Complete

details and registration information for this experience can be found iu.instructure.com/enroll/MNG3L6

Complete each of the following core courses (31 cr.):

- SPH-A 501 Introduction to Clinical Practice in Athletic Training (2 cr)
- SPH-A 510 Emergency Response for the Athletic Trainer (4 cr)
- SPH-A 520 Principles & Techniques of Therapeutic Intervention I (4 cr)
- SPH-A 530 Principles & Techniques of Therapeutic Intervention II (4 cr)
- SPH-A 540 Orthopedic Principles of Musculoskeletal Injuries I (4 cr)
- SPH-A 550 Orthopedic Principles of Musculoskeletal Injuries II (4 cr)
- SPH-A 560 General Medical Conditions in Athletic Healthcare (4 cr)
- SPH-A 570 Healthcare Organization & Administration (4 cr)
- SPH-A 581 Athletic Training Principles for the Spine (4 cr)
- SPH-A 588 Anatomical Basis of Athletic Injury (4 cr)

Evidence Based Practice Competency (4 credits)

- SPH-A 512 Critical Inquiry in Athletic Healthcare I (1 cr.)
- SPH-A 522 Critical Inquiry in Athletic Healthcare II (1 cr.)
- SPH-A 532 Critical Inquiry in Athletic Healthcare III (1 cr.)
- SPH-A 542 Critical Inquiry in Athletic Healthcare IV (1 cr.)

Clinical Competency (10 credits)

- SPH-A 511 Applied Clinical Practice in Athletic Training I (1 cr.)
- SPH-A 521 Applied Clinical Practice in Athletic Training II (1 cr.)
- SPH-A 531 Applied Clinical Practice in Athletic Training III (1 cr.)
- SPH-A 541 Applied Clinical Practice in Athletic Training IV (1 cr.)
- *SPH-A 695 Athletic Training Practicum (6 cr.)

**repeatable course taken throughout the program*

Special Opportunities

Facilities: The majority of required classes are located in the Doster Athletic Training Education Suite in the School of Public Health. The suite includes a classroom, conference room, clinical laboratory, and office space specifically dedicated for the athletic training programs.

Clinical Experiences: Students complete a progressive sequence of clinical education experiences under the supervision of experienced athletic trainers and physicians designed to lead to autonomous patient care as an athletic trainer. The program provides opportunities with various patient populations across multiple practice settings including Indiana University football, Indiana University athletics, local high schools, the performing arts, the United States military, and physician offices.

Interprofessional Education: The program is an active participant in the [TEACH curriculum](#) developed and implemented by the Indiana University Center for Interprofessional Practice and Education. Students will work with healthcare professionals and pre-professional healthcare students throughout the program.

Research Opportunities: Students can participate in research experiences alongside program faculty. Faculty research lines include lower extremity injury prevention, performing arts injury prevention and treatment, and concussion prevention and evaluation.

Careers

Athletic trainers (ATs) are highly qualified, multi-skilled, health care professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. Athletic trainers treat a range of patients and can work in a variety of settings including: secondary schools, colleges and universities, professional and Olympic sports, youth leagues and youth sports facilities, physician practices, hospitals, emergency rooms, urgent and ambulatory care centers, clinics, occupational health departments, police and fire departments, municipal departments, the military, and the performing arts. Athletic trainers work under the direction of a physician as prescribed by state licensure statutes. According to the National Bureau of Labor Statistics, employment of athletic trainers is projected to grow 19 percent from 2018 to 2028, much faster than the average for all occupations. Demand for athletic trainers is expected to increase as people become more aware of the effects of sports-related injuries, and as the middle-aged and older population remains active.

Master of Science in Kinesiology Degree (MSK), Athletic Administration/Sport Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Athletic administration and sport management involves applying marketing and communication concepts as well as the management principles of planning, organizing, leading, and directing to the unique industry of commercial sport. Emphasis is placed on the production, facilitation, promotion, and organization of sport products and services. Because the \$510-billion sport industry demands sport communicators, marketers, administrators, and managers with a specialized combination of functional business and sport management skills, the athletic administration and sport management program at IU is intended to serve students who have a desire to be involved in any aspect of the commercial sport-related enterprise.

For more information about this program, visit the [program webpage](#); contact graduate program coordinator [Dr. Kevin Byon at kbyon@indiana.edu](#); or reach out to the director of the sport management undergraduate and graduate programs, [Dr. Antonio S. Williams](#) at aw22@indiana.edu.

Degree Requirements

The Master of Science in Kinesiology degree must include a minimum of 36 credits from within the Athletic Administration/Sport Management program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. The requirements for this degree are as follows.

Public Health Foundations Requirement (0 credits)

All new Master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found at the following website: <https://iu.instructure.com/enroll/MNG3L6>

Athletic Administration/Sport Management Foundation Courses (6 cr.)

Complete the two courses (6 cr.):

- SPH-M 520 Research Methods in Sport Management (3 cr.)
- SPH-M 688 Sport Strategy and Application (3 cr.)

Sport Management Emphasis Courses (30 cr.)

Complete 10 of the 11 courses listed below for a total of 30 credits.

- SPH-C 580 Sport Communications (3 cr.)
- SPH-M 511 Legal Issues in the Sport Environment (3 cr.)
- SPH-M 512 Issues in Commercial Sports (3 cr.)
- SPH-M 513 Sport in Higher Education (3 cr.)
- SPH-M 514 Sport Marketing and Sponsorship (3 cr.)
- SPH-M 515 Principles of Management in the Sport Industry (3 cr.)
- SPH-M 518 Governance in Sport Management (3 cr.)
- SPH-M 522 The Role of Sport in Society (3 cr.)
- SPH-M 581 Sales and Service Management in Sport (3 cr.)
- SPH-M 611 NCAA Compliance (3 cr.)
- SPH-M 615 Financial Analysis in Sport (3 cr.)

Electives:

Electives must be chosen in consultation with the student's major advisor. Students have access to graduate courses within the School of Public Health-Bloomington and outside the school.

Special Opportunities

Faculty members share industry expertise and research opportunities with the students. In order to gain professional or research experience, many students complete SPH-K 605: Internships in Sports Management or SPH-K 693: Independent Study and Research (maximum of 3 credits), respectively. SPH-K 605, however, does not count toward the 36 credits required for graduation.

Careers

Majors in athletic administration and sport management are prepared to enter the many areas of the multifaceted sport industry. These areas include careers in sport media and sports information (e.g., media relations, public relations, new media management, advertising

sales), professional sport management (e.g., promotions, concessions, ticketing, operations, human resource management), event and facility management and marketing, collegiate and interscholastic athletic administration (e.g., compliance, fundraising, academic counseling, facilities), and marketing and sales (e.g., sponsorship, sport marketing agencies, promotions, entrepreneurship, brand management, retailing).

Master of Science in Kinesiology Degree (M.S.K.), Kinesiology Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The master of science degree in Kinesiology requires a 17-credit core, combined with the student's choice of one of the following five, 18-credit tracks: Biomechanics; Exercise Physiology; Exercise and Sport Psychology; Motor Control; and Sport and Coaching Science. Thesis and non-thesis options are offered. The thesis option is for those who wish to engage in research or planning on pursuing a doctoral degree. The non-thesis option will prepare students for professional employment by providing them with an appreciation for the research process, so they can be a consumer of research.

Degree Requirements

A minimum of 35 credit hours is required to complete the Kinesiology program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Kinesiology Core Courses (17 credits)

Complete each of the following courses (12 cr.):

- SPH-A 611 Advanced Topics in Athletic Training Research (2 cr.)
- SPH-K 530 Mechanical Analysis of Human Performance (3 cr.)
- SPH-K 535 Physiological Basis of Human Performance (3 cr.)
- SPH-M 525 Psychological Foundation of Exercise and Sport (3 cr.)

Complete one of the following courses (3 cr.):

- SPH-K 542 Neuromuscular Control of Movement (3 cr.)
- SPH-K 543 Cortical Control of Human Movement (3 cr.)

Complete one of the following courses (3 cr.):

- SPH-K 599 Master's Thesis (3 cr.)
- SPH-K 693 Independent Study and Research (3 cr.)
- SPH-K 697 Internship in Kinesiology (3 cr.)

Kinesiology Tracks: Complete 18 credits in any one of the following tracks. (18 cr.)

Biomechanics Track(18 credits)

Complete the following course (3 cr.):

- SPH-K 631 Quantitative Mechanical Analysis of Human Motion (3 cr.)

Complete 15 credits from the following: (15 cr.):

- SPH-K 630 Biomechanics of Human Performance (3 cr.)
- SPH-K 520 MATLAB for Data Analysis (3 cr.)
- SPH-K 550 Special Topics in Kinesiology (3 cr.)
- SPH-K 705 Experimental Laboratory Techniques (3 cr.)
- SPH-Q 601 Experimental Analysis and Design (3 cr.)
- SPH-Q 602 Multivariate Statistical Analysis (3 cr.)

Exercise Physiology Track(18 credits)

Complete 18 credits from the following (18 cr.):

- SPH-K 636 Cardiopulmonary Assessment Lab (3 cr.)
- SPH-K 633 Factors Affecting Human Performance (3 cr.)
- SPH-K 634 Respiratory Physiology of Exercise (3 cr.)
- SPH-K 635 Cardiovascular Physiology of Exercise (3 cr.)
- SPH-K 638 Biochemical Adaptations to Exercise (3 cr.)
- SPH-K 639 Laboratory Techniques for Exercise Biochemistry (2 cr.)
- SPH-K 694 Seminar in Human Performance (3 cr.)
- SPH-N 530 Advanced Human Nutrition (3 cr.)
- SPH-N 620 Nutrition in Sports (3 cr.)

Motor Control Track(18 credits)

Complete one of the following courses which was not completed in the Kinesiology Core above. (3 cr.):

- SPH-K 542 Neuromuscular Control Movement (3 cr.) *(If not completed above)*
- SPH-K 543 Cortical Control Movement (3 cr.) *(If not completed above)*

Complete the following course: (3 cr.):

- SPH-K 641 Topics in Motor Integration (3 cr.)

Complete 12 credits from the following: (12 cr.):

- SPH-K 541 Nature and Basis of Motor Skills (3 cr.)
- SPH-K 520 MATLAB for Data Analysis (3 cr.)
- COGS-Q 500 Intro to Cognitive Science (3 cr.)
- COGS-Q 551 The Brain and Cognition (3 cr.)
- MSCI-M 555 Medical Neuroscience (3 cr.)
- NEUS-N 500 Neural Science I (4 cr.)
- NEUS-N 501 Neural Science II (4 cr.)
- PSY-P 503 Complex Cognitive Processes (3 cr.)
- PSY-P 504 Learning and Motivation (3 cr.)

Sport and Coaching Science Track(18 credits)

Complete the following courses. (3 cr.):

- SPH-K 533 Advanced Theories in High Level Performance (3 cr.)

Complete the following course: (3 cr.):

- SPH-K 550 Special Topics in Kinesiology, TOPIC: Strength Training and Conditioning (3 cr.)

Complete 12 credits from the following: (12 cr.):

- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)
- SPH-M 518 Governance in Sport Management (3 cr.)
- SPH-M 611 NCAA Compliance (3 cr.)
- SPH-M 513 Sport and Higher Environment (3 cr.)
- SPH-M 511 Legal Issues in the Sport Environment (3 cr.)
- SPH-N 620 Nutrition in Sports (3 cr.)

Special Opportunities

This program gives students a solid kinesiology core. Additionally, students choose and complete any one of the following six tracks.

Biomechanics Track: The biomechanics track takes an interdisciplinary approach to the mechanical aspects of human movement, with the particular focus on mechanics during locomotion. Students take a variety of courses related to human movement mechanics, data analysis and processing, and the physiological and neuromuscular aspects of human movement. The research conducted in the biomechanics laboratory focuses on gait mechanics of running, mechanisms for running related overuse injuries wearable technology, aging and industry-related projects. Enrollment for the MSK Biomechanics is very limited. When space is available, students will be accepted for Fall admission of an even year due to course sequencing.

Applicants are strongly encouraged to contact Dr. Allison Gruber about availability before applying to the program. Please visit the Biomechanics Laboratory website for more information about the graduate program and research areas: iubiomechanicslab.weebly.com/graduate-program.html.

Exercise Physiology Track: The exercise physiology track is broadly based upon basic sciences: human anatomy, physiology, chemistry, and biology. The primary goal of this concentration area is to understand 'how things work'; the various cells, tissues, organs, and organ systems that necessarily respond to challenges posed by intensive exercise and physical training. The exercise physiology track primarily focuses on optimal physiological performance such as that attained by elite and highly trained athletes during competition. Unlike many fields, exercise physiology at Indiana University has remained integrative, examining how the failure or enhancement of one physiological system can influence another. The field also considers how the environment imposes limits on the body during exercise through such means as heat, cold, humidity, and altitude.

Exercise and Sport Psychology Track: The Exercise and Sport Psychology specialization in the Master of Kinesiology degree program is for students who wish to focus on scholarship and research that emphasizes the interaction of mind and body in sport and exercise. Accordingly, the coursework in this specialization includes both psychology and selected aspects of biology. Topical areas include exercise and mental health, exercise behavior from sedentary to active, personality, mood and

athlete performance, and the neurobiological basis for athlete pacing, performance and placebo effect.

Motor Control Track: The motor control track focuses on the neuromuscular aspects related to the execution of human movement and learning. Students take a variety of neuroscience courses related to the control of human movement. General research topics include strength acquisition, goal-directed movement control, and the effects of human aging on movement execution with emphasis given to postural control and balance. Students in the motor control program are encouraged to take courses offered through the Program in Neural Science and the Department of Psychology to further enhance their understanding of the discipline.

Sport and Coaching Science Track: In the sport and coaching science track the student will learn about the cutting-edge science that underpins diverse aspects of coaching, e.g. tapering and peaking to optimize performance, the coach-athlete relationship, and factors that limit performance. The classes taken in this track will provide a learning environment that facilitates the comparison and contrast of theories and ideas from a range of relevant disciplines in order to integrate them into personal coaching practice. The sport and coaching science track provides a broad knowledge base for individuals aspiring to enter the field of sport science and performance coaching. Students will study all major areas of kinesiology, such as exercise physiology, biomechanics, motor control, and exercise and sport psychology. Students will incorporate the theories of many kinesiology disciplines to evaluate and create training programs for athletes and clients; e.g., physiology of warm-ups, development of mesocycles leading to a taper/peaking, resistance training programming, etc. Students will study a wide range of course's allowing them to tailor their studies to best prepare them for their chosen career path in sport science and performance coaching.

Careers

Students who graduate from this highly flexible program are prepared, according to their preference, for further graduate education or for professional roles in physical/occupational therapy or athletic training.

Online Master of Science in Recreation Degree (M.S.R.), Recreational Therapy Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The online major in recreational therapy prepares students to assume positions as recreational therapists. Using a variety of techniques, including arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings, therapists treat and maintain the physical, mental, and emotional well-being of their clients. Professionals assess individuals' needs, plan and implement specific interventions to meet those needs, and document and evaluate the effectiveness of the interventions. All students graduating from the major are

eligible to sit for the National Council on Therapeutic Recreation Certification (NCTRC) examination.

Degree Requirements

A minimum of 35 credit hours is required for this program. The Master of Science in Recreation degree must include a minimum of 20 credits from the Department of Health & Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found at the following website: <https://iu.instructure.com/enroll/MNG3L6>

Recreational Therapy Foundation Courses (12 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 512 Administration Theory and Management in Wellness (3 cr.)
- SPH-R 590 Introduction to Research in Health & Wellness Design (3 cr.)

Recreational Therapy Emphasis Courses (15 credits)

Complete each of the following courses:

- SPH-Y 560 Professional Development of Recreational Therapy (3 cr.)
- SPH-Y 561 Social Psychology of Recreational Therapy (3 cr.)
- SPH-Y 562 Advanced Assessment & Documentation in Recreational Therapy (3 cr.)
- SPH-Y 563 Advanced Facilitation Techniques in Recreational Therapy (3 cr.)
- SPH-Y 564 Therapeutic Communication & Group Counsel in Recreational Therapy (3 cr.)
- SPH-Y 565 Evidence Based Practice in Recreational Therapy (3 cr.)

Capstone Courses (3–5 credits)

Complete one of the following courses:

- SPH-R 599 Master's Thesis (5 cr.)
- SPH-R 697 Internships in Recreation and Parks (3 cr.)
- SPH-R 598 Master's Project in Admin (3-4 cr.)

Remaining Electives (3–5 cr.)

Complete electives to reach the required minimum 35 graduate-level credits. Electives must be selected with advisor approval.

Recommended but not required:

- EDUC-G 522 Counseling Theories (3 cr.)
- EDUC-P 514 Lifespan Development: Life to Death (3 cr.)

- SPH-H 524 Multidisciplinary Perspectives in Gerontology (3 cr.)
- SPH-O 510 Human Health, Quality of Life & Natural Environments (3 cr.)
- SPH-R 544 Legal Aspects of Recreation (3 cr.)
- SPH-R 542 Fiscal Management in Recreation Administration (3 cr.)
- SPH-R 574 Human Resource Management in Recreation (3 cr.)

Note: Students entering the degree program without eligibility for national certification in recreational therapy are required to complete an internship that meets requirements for national certification. Students entering the degree program with national certification eligibility or national certification in recreational therapy may elect to meet emphasis requirements through an internship. Students who do not have a background or preliminary coursework in recreational therapy may be required to take Anatomy and Physiology, Life Span Development, Abnormal Psychology, and Techniques in Recreational Therapy.

Special Opportunities

The major in recreational therapy provides students with opportunities for direct experience with clients with disabilities through local agencies. Through class practica, projects, internship opportunities, and field experiences, students learn intervention planning, therapeutic communication skills, service planning, and intervention techniques. Students in both undergraduate and graduate programs have opportunities to participate in faculty research.

Careers

Graduates with an M.S. in Recreation Degree (M.S.R.) may assume positions as master clinicians who work directly in client care services as well as administrative positions supervising departments or service lines.

Master of Science in Recreation Degree (M.S.R.), Outdoor Recreation

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Master of Science in Recreation degree with a major in outdoor recreation is designed for students interested in outdoor recreation management, resource management, camping administration, outdoor/environmental education and interpretation, outdoor leadership, and the dimensions of human ecology commonly associated with aspects of outdoor recreation and park management.

Degree Requirements

A minimum of 35 credit hours is required for this program. The Master of Science in Recreation degree must include a minimum of 20 credits from the Department of Health & Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Outdoor Recreation Foundation Courses (17–20 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 511 Organizational Leadership for Parks, Recreation, Tourism, and Public Lands (3 cr.)
- SPH-X 525 Foundations of Conservation in Parks and Recreation (3 cr.)
- SPH-R 590 Introduction to Research in Health & Wellness Design (3 cr.)

Capstone Courses (2-5 credits)

Complete one of the following courses:

- SPH-R 598 Master's Project in Administration (2–4 cr.)
- SPH-R 599 Master's Thesis (5 cr.)

Specialization Courses (12 credits)

Students must complete a minimum of 12 credits of specialization courses within the Department of Health & Wellness Design. Choose from one of the four specialization areas: (1) Outdoor Interpretation, (2) Resource Management, (3) Outdoor Leadership, (4) Outdoor Recreation. Course selection must be approved by graduate advisor.

Remaining Electives (3–6 cr.)

Complete electives to reach the required minimum 35 graduate-level credits. Electives must be selected with advisor approval.

Special Opportunities

Graduate academic appointments are available for students pursuing graduate studies in the Department of Health & Wellness Design. Selection criteria for a graduate assistantship or associate instructorship include scholarship records, experience, previous graduate work, and letters of recommendation. Duties for a student academic appointment may involve assisting faculty with teaching, research, or other departmental duties; teaching classes; working in the Division of Recreational Sports; or other special assignments.

Careers

Graduates have the necessary skills for successful careers in the development and implementation of experiences that promote meaningful and healthy relationships between people and the outdoors.

Online Master of Science in Recreation Degree (M.S.R.), Recreation Administration Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Master of Science in Recreation Administration degree provides students with a general approach to management of recreation and leisure services in a wide variety of settings. Because people spend more time and money on leisure, fitness, sports, and recreation activities than ever before, the job outlook for recreation administration graduates is excellent. By fostering healthier lifestyles and promoting the value of staying well, organizations are learning they can slow the pace of rising health insurance premiums and improve the attendance and productivity of their employees. But to achieve this healthy ROI, organizations need qualified professionals with the training to manage engaging and effective health and wellness programs that have a beneficial and lasting effect on both the organization's culture and profitability.

This option is for students interested in public agencies, private/commercial organizations, campus recreation, military recreation, or general park administration/management.

All degree candidates in this program complete a capstone experience. This can be either an intensive master's project that summarizes the knowledge and skills obtained from coursework, an internship through which concepts and principles learned from coursework is applied, or a master's thesis based on research related to the specialty area. The student's area of specialization determines which capstone experience is pursued.

Degree Requirements

A minimum of 35 credit hours is required for this program. The Master of Science in Recreation degree must include a minimum of 20 credits from the Department of Health & Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Recreation Administration Foundation Courses (21 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.) (or) SPH-S650 Metrics in Safety Management (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 512 Administrative Theory & Management Practices in Leisure Services (3 cr.)
- SPH-R 542 Fiscal Management in Recreation Administration (3 cr.)
- SPH-R 544 Legal Aspects of Recreation (3 cr.)
- SPH-R 585 Leisure as a Determinant of Health (3 cr.)
- SPH-R 590 Introduction to Research in Health & Wellness Design (3 cr.)

Capstone Courses (2–5 credits)

Complete one of the following courses:

- SPH-R 598 Master's Project in Administration (2-4 cr.)
- SPH-R 599 Master's Thesis (5 cr.)
- SPH-R 697 Internships in Recreation and Parks (3 cr.)

Remaining Electives (9–12 cr.)

Complete electives to reach the required minimum 35 graduate-level credits. Electives must be selected with advisor approval

- SPH-R 574 Human Resource Management in Recreational Sports (3 cr.)
- SPH-R 695 Practicum in Recreation and Parks (1–3 cr.)
- SPH-R 685 Survey Methodology in Public Health Research (3 cr.)
- SPH-R 691 Readings in Recreation (2–3 cr.)
- SPH-B 535 Contemporary Issues in Aging and Health (3 cr.)
- SPH-R 524 Fundraising for Public and Nonprofit Agencies (3 cr.)
- SPH-R 573 Seminar in Recreational Sports, TOPIC: Current Events in Recreation Administration (2 cr.)
- SPH-R 693 Independent Study and Research (3 cr.)
- SPH-O 510 Human Health, Quality of Life, and Natural Environments (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)
- SPH-S 632 Safety and Health Program Design (3 cr.)

Special Opportunities

A Master of Science in Recreation Administration is designed for students and/or working professionals interested in gaining advancement to administrative positions in public agencies, private/commercial organizations, campus recreation, military recreation, or general park administration/management. According to the National Recreation & Park Association, "the average park and recreation agency employs four executive personnel, seven administrative personnel, and three planning/development personnel." Under succession planning, working professionals earning an advanced degree in recreation administration are better positioning themselves to move up into those executive and administrative positions.

Careers

Following are some typical job descriptions for career positions in recreational administration:

Recreation and Parks Director: manages both recreation and park functions, including recreation programs, recreation areas, and facilities. Also serves as the technical advisor to the recreation and parks commission, board, or other authority responsible to the public for recreation and park services.

Campus Recreation Program Director: manages the comprehensive administrative functions of personnel, budget, facilities, and programming for intramural, informal, aquatics and sport clubs in student recreational sport facilities at colleges and universities.

Park Manager: directs the operational and developmental phases of parks, boulevards, recreation areas, and facilities. Also plans, directs, and participates in maintenance and construction including inspection of grounds, direction of property security, and providing information and services to visitors.

Facility Operations Coordinator: determines work procedures, prepares work schedules, and expedites workflow. Studies and standardizes procedures to improve facility and employee productivity. Prepares and coordinates assigned recreational programs and ensures that facilities meet city, state, and federal guidelines for operation. Coordinates planning and development of programs, activities, and special events for recreational facilities to include procuring vendors and entertainment, site operations, staff and volunteer scheduling, budgeting and contracting, fundraising, and advertising.

Master of Science in Recreation Degree (MSR), Tourism Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The tourism management program prepares students to enter the world's largest and most diverse industry. Tourism is the business of attracting and catering to the needs and expectations of visitors. This program focuses on the marketing to and management of tourists, tourist facilities, and destinations. These include government and non-government tourism organizations, hotels, resorts, convention centers, theme parks, visitor centers, cruises, airlines, and other tourist businesses.

The tourism management program may also serve as a stepping-stone to a doctoral program. Students interested in eventually pursuing a Ph.D. degree are encouraged to complete a Master's Thesis, SPH-R 599, which will enhance their ability to conduct timely and useful research to further the field of tourism. Students are provided the necessary tools and encouraged to both initiate research projects and work with faculty on existing projects. Check with your academic advisor for more information including the opportunity to apply for department, school, and university grants to support your research interests.

Degree Requirements

A minimum of 30 credit hours is required for this program. The Master of Science in Recreation degree (Tourism Management option) must include a minimum of 20 credits from the Department of Health and Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete

details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Tourism Management Foundation Courses (24 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-T 502 Health and Tourism (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 511 Organizational Leadership for Parks, Recreation, Tourism, and Public Lands (3 cr.)
- SPH-R 542 Fiscal Management in Recreation Administration (3 cr.) -or- SPH-X 561 Finance and Budgeting (3 cr.)
- SPH-T 513 Economics & Marketing for Leisure & Tourism (3 cr.)
- SPH-T 550 Foundational Issues in Research in Tourism (3 cr.)
- SPH-T 552 Contemporary Issues in Tourism Studies (3 cr.)
- SPH-R 590 Introduction to Research in Health, Kinesiology, and Recreation (3 cr.)

Capstone Courses (6 credits)

Complete:

- SPH-R 598 Master's Project in Administration (2-4 cr.)
- And electives to reach the required minimum 30 graduate-level credits. Electives must be selected with advisor approval.

Special Opportunities

Due to its global significance, tourism often involves practices in the international arena. The program offers overseas courses and trips that allow students to explore a multicultural landscape in a fashion that is conducive to learning. Further, internship opportunities can help students to preview the operation of interest within the tourism business in order to build a competitive edge in the field of specialization (e.g., hotel/resort management) prior to graduation.

Careers

Typical tourism job titles are hotel manager, marketing director of a city visitor and convention bureau, coordinator of a university conference bureau, event and meeting planner, researcher for a state department of tourism, and manager for a theme park.

Online Master of Public Health Degree (M.P.H.), Environmental Health Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Students in this online M.P.H. concentration gain technical skills for the development, implementation and evaluation of practices that seek to identify, prevent or minimize the adverse impact of environmental and occupational hazards on human health. Students complete coursework

related to the assessment and control of environmental and occupational exposures, the effects of these exposures on human health, principles of toxicology, and toxic regulations and policies. Upon completion of the program, students will be able to communicate environmental health risks to the public, analyze the impact of environmental assaults and exposures to susceptible populations, and manage environmental and occupational risks.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Environmental Health Concentration (21 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12–15 credits)

Complete all courses in one of the eight following choices.

M.P.H. concentration in Behavioral, Social, and Community Health (12 credits) (in-person only) Successful completion of the following four courses

earns the student a second M.P.H. concentration in Behavioral, Social, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits) Successful completion of the following four courses earns the student a second M.P.H. concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused) Successful completion of the following four courses earns the student a second M.P.H. concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Epidemiology (15 credits) (note: courses offered online in this concentration are synchronous) Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.

- SPH-E 651 Epidemiology (3 cr.)
- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3 cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

Online Graduate Certificate in Sexual & Reproductive Health (15 credits) Successful completion of the following requirements earns the student an online graduate Certificate in Sexual & Reproductive Health when it is approved and in the IU system.

- SPH-B 589 Theories & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)

Online Graduate Certificate in Safety Management (12 credits) Successful completion of the following courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (9 credits)

Complete nine credits of graduate-level electives selected in consultation with the student's advisor.

- XXX-X XXX (3 cr.) P: Prior permission of advisor
- XXX-X XXX (3 cr.) P: Prior permission of advisor
- XXX-X XXX (3 cr.) P: Prior permission of advisor

Special Opportunities

Graduates with environmental health degrees are more likely to get hired soon after graduation. There is a national shortage of trained environmental health professionals. The growing number of environmental health threats calls for an increase in the number of people trained to protect human health and the environment.

Careers

Environmental health professionals are everywhere and hold a variety of job titles. Below are just a few of the settings in which you could work:

- State, county and city health agencies
- Environmental consulting companies
- Private corporations
- Federal government
- International organizations
- Nonprofit organizations
- Academia (colleges and universities)

An environmental health specialist is a general term for someone who inspects environmental health systems to make sure they are in compliance with local, state

and federal regulations. These regulations are set by the government to keep citizens safe and healthy. Responsibilities often include:

- Reviewing permits
- Collecting and interpreting data
- Investigating complaints
- Monitoring
- Educating
- Performing inspections

Online Master of Public Health Degree (M.P.H.), Epidemiology Major (Note: Courses offered online are synchronous)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The online M.P.H. in Epidemiology prepares students to assume a leadership role in public health, academia or the private sector. Graduates will be able to perform epidemiologic analyses that impact health and disease management by contributing to the understanding of disease etiologies. Epidemiology students will develop skills in study design and research methodology while gaining knowledge of the social and lifestyle determinants that affect health. The graduate will leave with extensive training in epidemiologic methods that will enable them to improve public health through excellence in research and practice.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44–50 credits)

M.P.H. Degree Core (23 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (15 credits)

Complete each of the following courses.

- SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Epidemiology Concentration (12 credits) (note: courses offered online in this concentration are synchronous)

Required Concentration Courses (12 credits)

Complete the following courses.

- SPH-E 658 Intermediate Epidemiology (3 cr.) (p: SPH-E 651)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.) (p: SPH-E 651)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)

Option 1: Additional M.P.H. Concentration or Graduate Certificate (12–15 credits)

Complete all courses in one of the eight following choices.

M.P.H. concentration in Behavioral, Social, and Community Health (12 credits) (in-person only) Successful completion of the following four courses earns the student a second M.P.H. concentration in Behavioral, Social, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits) Successful completion of the following four courses earns the student a second concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused) Successful completion of the following four courses earns the student a second M.P.H. concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Environmental Health (12 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Note: SPH-B 589 Theories and Conceptual Frameworks in Public Health, which is required for this certificate, is already completed as one of the required BSCH concentration courses.

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option Two: Other Electives (9 credits)

Complete 9 graduate-level credits of electives to be chosen in consultation with the student's M.P.H. advisor.

- XXX-X XXX (3 cr.) (p: Prior permission of advisor)
- XXX-X XXX (3 cr.) (p: Prior permission of advisor)
- XXX-X XXX (3 cr.) (p: Prior permission of advisor)

Complete six credits of graduate-level electives selected in consultation with the student's advisor (6 cr.):

Special Opportunities

Graduates with epidemiology degrees are likely to get hired soon after graduation. Emergent infectious diseases and the need to improve health of an aging nation require an understanding of the epidemiology of both infectious and chronic diseases. Moreover, as the emphasis of obesity reduction and other lifestyle related health issues continues to increase, there are special opportunities for epidemiologists who are familiar with health maintenance and wellness strategies. The relationships that epidemiologists identify among healthy lifestyles and positive outcomes will shape the wellness programs of the future. Epidemiology is a field that often has international opportunities, even for recent graduates.

Careers

Epidemiologists are everywhere and hold a variety of job titles. Many have learned the discipline on the job so candidates with formal training will have a competitive edge in the marketplace. The following is a list (not by any means exhaustive) of possible job settings:

- State, county, and city health agencies
- Environmental consulting companies
- Private corporations
- Federal government
- International organizations
- Nonprofit organizations
- Academia (colleges and universities)

Epidemiologists study patterns of disease. Epidemiology is an expanding field that also now includes the study of disease prevention and wellness. The variety of tasks in which an epidemiologist may be engaged is extensive. As a result, this is a career that can be flexible and continually evolving. Some typical job responsibilities include:

- Collection of disease outbreak data
- Study design development
- Data analysis
- Program evaluation design
- Study coordination

Online Master of Public Health Degree (M.P.H.), Physical Activity Major (this concentration is paused)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Public health organizations have recently turned their attention to physical inactivity, a modifiable behavior, as it has been recognized as a major risk factor for chronic diseases. The online M.P.H. concentration in Physical Activity trains professionals to effectively quantify physical activity, monitor populations, and design interventions focused on improving health through the promotion of physical activity. You will learn how to assess physical activity behavior, to apply behavioral theories when designing physical activity interventions, use epidemiology techniques to describe the relationship

between physical activity and health and to develop public health policies aimed at impacting physical activity behavior. You will have the opportunity to work with faculty with interdisciplinary interests such as health games, worksite wellness, recreation, and disabilities.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

Master of Public Health Degree Requirements (44-47 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinants (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Physical Activity Concentration (24-27 credits) (this concentration is paused)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-K 553 Physical Activity and Health (3 cr.)
- SPH-K 556 Physical Activity Assessment in Public Health (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

Option 1: Additional MPH Concentration or Graduate Certificate (12-15 credits)

Complete all courses in one of the eight following choices. (12-15 credits)

M.P.H. concentration in Social, Behavioral, and Community Health (12 credits) (in-person only)

Successful completion of the following four courses earns the student a second concentration in Social, Behavioral, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

M.P.H. concentration in Public Health Administration (12 credits)

Successful completion of the following four courses earns the student a second concentration in Public Health Administration.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

M.P.H. concentration in Epidemiology (12 credits) (note: courses offered online in this concentration are synchronous)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.

- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

M.P.H. concentration in Environmental Health (15 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 545 Exposure Assessment and Control (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (15 credits)

Successful completion of the following five courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 589 Theories and Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option 2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor.

Special Opportunities

Faculty will identify opportunities to work within the academic and broader community to allow for skill building, networking, research, and practical experience. Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. The Master of Public Health (MPH) degree program is accredited by the Council for Education in Public Health (CEPH).

Careers

Public interest in a healthy lifestyle is increasing the demand for public health professionals. Below is a list indicating a few of the settings in which you could work:

- Centers for Disease Control and Prevention
- Local, state, and federal government

- Nonprofit organizations
- Businesses and corporations
- County and state health departments
- Universities
- Health foundations and health-based grant projects.

Individuals who earn a public health degree with a concentration in physical activity will be well suited to play an integral role in multidisciplinary team centered on health promotion and disease prevention. A public health degree in physical activity can lead to career positions such as the following:

- Community Health Promotion Specialist
- Community Physical Activity Specialist
- Physical Activity Epidemiologist
- Nutrition and Physical Activity Program Manager
- Physical Activity Policy Analyst
- Public Health Advisor

Online Master of Public Health Degree (M.P.H.), Public Health Administration Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The online M.P.H. in Public Health Administration program prepares students to assume leadership roles in the public and private sectors and to effectively create and implement policies and manage programs that promote the public's health. Coursework is completed in health policy, finance and budgeting, program evaluation, leadership, legal issues, and resource acquisition and management. Students have the opportunity for significant research and practice involvement with public health and health services organizations in Indiana and beyond.

Degree Requirements

A minimum of 44 graduate credit hours is required for this program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor. Prerequisite courses may be prescribed for students lacking sufficient background for graduate study in public health.

M.P.H. Master of Public Health Degree Requirements (44–47 credits)

M.P.H. Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All M.P.H. students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)

- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Public Health Administration Concentration (12 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)

Option1: Additional M.P.H. Concentration or Graduate Certificate (12–15 credits)

Complete all courses in one of the eight following choices. (12 credits)

M.P.H. concentration in Social, Behavioral, and Community Health (12 credits) (in-person only)

Successful completion of the following four courses earns the student a second concentration in Social, Behavioral, and Community Health.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-____ A Behavioral, Social, and Community Health Elective Approved by the M.P.H. Advisor (3 cr.)

M.P.H. concentration in Physical Activity (12 credits) (this concentration is paused)

Successful completion of the following four courses earns the student a second concentration in Physical Activity.

- SPH-K 553 Physical Activity & Health (3 cr.)
- SPH-K 556 Physical Activity Assessment (3 cr.)
- SPH-K 557 Physical Activity Across the Lifespan (3 cr.)
- SPH-K 565 Physical Activity Behavioral Interventions (3 cr.)

M.P.H. concentration in Epidemiology (12 credits) (note: courses offered online in this concentration are synchronous)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Epidemiology.

- SPH-E 658 Intermediate Epidemiology (3 cr.)
- SPH-E 659 Intermediate Epidemiological Methods (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)

Complete one course (3 credits) from the following courses.

- SPH-E 650 Special Topics in Epidemiology (3cr.)
- SPH-E 653 Chronic Disease Epidemiology (3 cr.)
- SPH-E 655 Infectious Disease Epidemiology (3 cr.)
- SPH-E 656 Genetic Epidemiology (3 cr.)
- SPH-E 657 Social Epidemiology (3 cr.)
- SPH-E 680 Nutritional Epidemiology (3 cr.)

M.P.H. concentration in Environmental Health (12 credits)

Successful completion of the following requirements earns the student a second M.P.H. concentration in Environmental Health.

- SPH-V 541 Environmental Health (3 cr.)
- SPH-V 542 Principles of Toxicology (3 cr.)
- SPH-V 546 Risk Assessment, Policy and Toxic Regulations (3 cr.)
- SPH-V 548 Environmental and Occupational Epidemiology (3 cr.)

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits) (this certificate is paused)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Option2: Other Electives (12 credits)

Complete 12 credits of graduate level elective courses to be chosen in consultation with the student's M.P.H. advisor.

Special Opportunities

Degree programs in public health balance theoretical knowledge with professional experience through internships and opportunities to work with faculty on research, teaching, and service projects. The Master of

Public Health (M.P.H.) degree program is accredited by the Council for Education in Public Health (CEPH).

Careers

Public health careers can be found in regulatory agencies; advocacy groups; professional associations; think tanks; consulting firms; local, state, and federal government agencies; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and with health foundations and health-based grant projects. A public health degree specializing in public health administration can lead to career positions such as the following:

- Evaluation Specialist
- Public Health Advisor
- Public Health Policy Analyst
- Public Health Research Coordinator
- Program Manager
- Project Director
- Program Coordinator
- Public Health Consultant

Master of Science in Applied Health Science Degree (M.S.A.H.S.), Health Promotion Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Health Promotion enables individuals and communities to increase control over and improve their health. Graduate level students acquire skills for serving as health education and promotion specialists in educational, clinical, occupational, and community settings and for managing a diverse array of Health Education and promotion programs.

Degree Requirements

A minimum of 33 graduate credit hours is required for the Health Promotion program. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Required Courses (27 cr.)

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the *Public Health Foundations* online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Complete each of the following Research & Research Tool Courses: (6 Cr.)

- SPH-Q501 Introduction to Statistics in Public Health (3 cr.) Or Equivalent
- SPH B650 Quantitative Methods I for Public Health Research (3 cr.) Or B634 Sexual Health Research and Evaluation (3 cr.)

Complete each of the following Health Promotion core courses (6 Cr.):

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 Cr.)
- SPH-H 500 Foundations of Health Promotion (3 Cr.)

Complete each of the following Health Promotion major courses (12 cr.):

- SPH H 519 Contemporary Issues in Health Promotion (3 Cr.)
- SPH H 552 Instructional Planning for Public Health Settings (3 Cr.) Or H633 Advanced Instructional Methods in Sexual and Reproductive Health (3 Cr.)+
- SPH-H 562 Health Program Evaluation (3 Cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

Complete capstone project/experience options (3 cr.):

- SPH X 580 Qualitative Research in Public Health (3 cr.) Or comparable independent research course as determined in consultation with an advisor

Elective Courses (6 cr.)

Complete 6 credits of graduate-level elective course work preferably with the following prefixes: B, F, H, N, P, Q, S or other to be approved by academic advisor, based on student career goals and interests.

Recommended Electives:

- SPH-B 602 Intervention Design (3 Cr.)
- SPH-B 630 Sexual and Reproductive Health Surveillance (3 Cr.)+
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 Cr.)+
- SPH-H 518 Alcohol and Drug Education (3 Cr.)
- SPH-H 555 Issues in Human Sexuality and Health (3 Cr.)
- SPH-H 595 Practicum in Sexual and Reproductive Health Education (3 Cr.)
- SPH-H 697 Internship in Health Promotion (3 Cr.)
- SPH-S 552 Principles of Workplace Safety Behavior (3 Cr.)

+Only students completing the Graduate Certificate in Sexual and Reproductive Health

Students matriculated into the M.S. in Health Promotion degree program may also wish to complete one of the alternate online graduate certificates listed below. Some graduate certificate course work may be taken as "electives"; however, concentration completion may require course work beyond the minimally required 33 credits. Interested students should plan their entire course of study, including all online certificate course work, in close consultation with their advisor.

Online Graduate Certificate in Gerontology and Health (12 credits)

Successful completion of the following requirements earns the student an online graduate Certificate in Gerontology and Health.

Complete the following course.

- SPH-H 524 –or-- EDUC-P 513 Multidisciplinary Perspectives in Gerontology (3 cr.)

Complete three (9 cr.) courses from the following.

- EDUC-D 505 Adult Learning through the Lifespan (3 cr.)
- EDUC-D 506 Adult Education Planning and Development (3 cr.)
- EDUC-P 517 Adult Development and Aging (3 cr.)
- SPH-B 535 Contemporary Issues in Aging and Health (3 cr.)
- SPH-B 615 Health Longevity, and Integrative Therapies for the Later Years (3 cr.)

Online Graduate Certificate in Sexual and Reproductive Health (15 credits)

Successful completion of the following five courses earns the student an online graduate Certificate in Sexual and Reproductive Health.

- SPH-B 630 Sexual and Reproductive Health Surveillance (3 cr.)
- SPH-B 632 Sexual Health: Contemporary Discoveries and Controversies (3 cr.)
- SPH-H 633 Advanced Instructional Methods in Sexual and Reproductive Health (3 cr.)
- SPH-B 634 Sexual Health Research and Evaluation (3 cr.)
- SPH-X660 Population Health Department (3 cr.)

Online Graduate Certificate in Safety Management (12 credits)

Successful completion of the following four courses earns the student an online graduate Certificate in Safety Management.

- SPH-S 502 Instructional Strategies for Safety Education (3 cr.)
- SPH-S 513 Safety Management in Business and Industry (3 cr.)
- SPH-S 610 Occupational Risk Management (3 cr.)
- SPH-S 632 Safety & Health Program Design (3 cr.)

Online Graduate Certificate in Addiction Intervention (15 credits)

Successful completion of the following five courses earns the student an online graduate Certificate in Addiction Intervention.

- SPH-H 664 Public Health Approaches to Substance Use Disorder Prevention for Adolescents and Young Adults (3 cr.)
- SPH-H 665 Substance Use Disorder Treatment for Adolescents and Young Adults in the Context of Public Health (3 cr.)
- SPH-H 670 Introduction to Co-Occurring Substance Use and Mental Health Disorders for Public Health Professionals (3 cr.)
- SPH-H 667 History of Public Health Approaches to Substance Use Disorder Treatment and Recovery for Adolescents and Young Adults (3 cr.)
- SPH-H 668 Motivational Interviewing (3 cr.)

Special Opportunities

Students develop professional skills through required capstone project near the end of the program of study that can be completed in a variety of settings afforded by the

Bloomington community. Students can also be involved in research with faculty members and fellow students.

Careers

Prospects for employment are excellent. Sources of potential employment for program graduates are numerous and include public and private colleges; local, state, and federal agencies; international agencies; voluntary health agencies; professional associations; clinics, hospitals, and private health care facilities; business; industry; and the military.

Online Master of Science in Recreation Degree (M.S.R.), Tourism Management Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The tourism management program prepares students to enter the world's largest and most diverse industry. Tourism is the business of attracting and catering to the needs and expectations of visitors. This program focuses on the marketing to and management of tourists, tourist facilities, and destinations. These include government and non-government tourism organizations, hotels, resorts, convention centers, theme parks, visitor centers, cruises, airlines, and other tourist businesses.

The tourism management program may also serve as a stepping-stone to a doctoral program. Students interested in eventually pursuing a Ph.D. degree are encouraged to complete a Master's Project, SPH-R 599, which will enhance their ability to conduct timely and useful research to further the field of tourism. Students are provided the necessary tools and encouraged to both initiate research projects and work with faculty on existing projects. Check with your academic advisor for more information including the opportunity to apply for department, school, and university grants to support your research interests.

Degree Requirements

A minimum of 30 credit hours is required for this program. The Master of Science in Recreation degree (Tourism Management option) must include a minimum of 20 credits from the Department of Health and Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements: Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Foundation Courses (24 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-T 502 Health and Tourism (3 cr.)

- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 542 Fiscal Management in Recreation Administration (3 cr.) **-or-** SPH-X 561 Finance and Budgeting (3 cr.)
- SPH-T 513 Economics & Marketing for Leisure & Tourism (3 cr.)
- SPH-T 550 Foundational Issues in Research in Tourism (3 cr.)
- SPH-T 552 Contemporary Issues in Tourism Studies (3 cr.)
- SPH-R 590 Introduction to Research in Health & Wellness Design (3 cr.)

Capstone Course (3 credits)

Complete the following course:

- SPH-R 598 Master's Project in Administration (3 cr.)

Electives (3 cr. minimum)

Complete electives to reach the required minimum 30 graduate-level credits as approved by the faculty advisor.

Special Opportunities

Due to its global significance, tourism often involves practices in the international arena. The program offers overseas courses and trips that allow students to explore a multicultural landscape in a fashion that is conducive to learning. Further, internship opportunities can help students to preview the operation of interest within the tourism business in order to build a competitive edge in the field of specialization (e.g., hotel/resort management) prior to graduation.

Careers

Typical tourism job titles are hotel manager, marketing director of a city visitor and convention bureau, coordinator of a university conference bureau, event and meeting planner, researcher for a state department of tourism, and manager for a theme park.

Master of Science in Biostatistics Major

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The M.S. program in Biostatistics will prepare the students with various academic and professional goals, such as to become clinical scientists, public health researchers, and biostatisticians in pharmaceutical industry. The students will receive fundamental training in probability and statistical theory, regression models, and statistical packages. They will also gain expertise in modern topics such as statistical learning, high-dimensional models, and clinical trials. Our program also emphasizes research in interdisciplinary areas, effective collaboration and communication with scientists and practitioners. Students are prepared for quantitative doctoral programs in public health, such as biostatistics and epidemiology.

Degree Requirements

A minimum of 36 credit hours is required to complete the M.S. program in Biostatistics. A minimum 3.0 cumulative

grade point average (GPA) is required for graduation. A minimum grade of C is required in each course.

Complete the following required course (0 credits)

- Students in the M.S. in Biostatistics degree program must complete the Public Health Foundations online prerequisite prior to the first day of classes. Complete details and registration information for this experience can be found at the following website: <https://iu.instructure.com/enroll/MNG3L6>

Complete each of the following biostatistics core courses (24 credits)

- SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 651 Introduction to Statistical Distributions in Public Health (3 cr.)
- SPH-Q 652 Biostatistical Inference (3 cr.)
- SPH-Q 603 Categorical Data Analysis (3 cr.)
- SPH-Q 604 Applied Linear Regression (3 cr.)
- SPH-Q 605 Analysis of Multi-level and Longitudinal Data (3 cr.)
- SPH-Q 611 Statistical Packages in Research (3 cr.)
- SPH-Q 612 Survival Analysis (3 cr.)

Complete a 3-credit biostatistics elective course (3 credits)

Options include any SPH-Q or STAT-S course at 600-level or above. Recommended choices include:

- SPH-Q 602 Multivariate Statistical Analysis (3 cr.)
- SPH-Q 654 Modern Regression Methods (3 cr.)
- SPH-Q 657 Biostatistical Methods for Clinical Trials (3 cr.)
- STAT-S 626 Bayesian Theory and Data Analysis (3 cr.)
- STAT-S 650 Time Series Analysis (3 cr.)
- STAT-S 660 Sampling (3 cr.)
- STAT-S 611 Applied Statistical Computing (3 cr.)
- STAT-S 670 Exploratory Data Analysis (3 cr.)
- STAT-S 675 Statistical Learning: High-Dimensional Data Analysis (3 cr.)
- STAT-S 676 Statistical Learning: Model Selection (3 cr.)

Complete a 3-credit multi-disciplinary elective course or another biostatistics elective above (3 credits)

A multi-disciplinary course is recommended to provide background knowledge for the areas where biostatistical methods are applied, such as biology, genetics, psychology etc.

Complete one of the following two options for biostatistics research (6 credits)

Option 1: Thesis option

- SPH-Q 699 M.S. in Biostatistics Thesis (6 cr.)

Option 2: Non-Thesis option

- Pass an M.S. competency exam administered by the Department of Epidemiology and Biostatistics
- An additional biostatistics elective course (3 cr.)
- An additional biostatistics elective course (3 cr.)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities supervised by faculty members or in collaboration with other graduate students. The students may also have the opportunities to work with our external industry partners. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences.

Careers

The field of biostatistics is unique in that it combines elements of the medical field with that of math, statistics, and science, offering a wide array of different types of jobs in biostatistics. The Bureau of Labor Statistics predicts the job outlook for biostatistics to grow 30% from 2018 to 2028, much faster than the average for all occupations (i.e., 5%). Biostatisticians are hired by a wide variety of industries and institutions:

- State and local health departments (e.g., the Indiana State Health Department and Monroe, Marion, and Morgan County Health Departments).
- Federal government agencies (e.g., the National Institutes of Health, the Department of Health and Human Services, the Centers for Disease Control and Prevention, and the U.S. Food and Drug Administration).
- Pharmaceutical companies (e.g., Pfizer, Merck, Eli Lilly, Bristol-Myers Squibb).
- Technology companies (e.g., Google, Microsoft, Amazon).
- Medical device companies (e.g., Cook).
- Insurance companies (e.g., Anthem Insurance Companies, Inc., and Cigna Corporation).
- Institutes of higher education (e.g., the University of Michigan and the University of Chicago).
- International agencies (e.g., the World Health Organization and the U.S. Agency for International Development).
- Consulting firms.
- Medical centers and health care facilities.

Online Master of Science in Recreation Degree (M.S.R.), Outdoor Recreation

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

The Online Master of Science in Recreation degree with a major in outdoor recreation is designed for students interested in outdoor recreation management, resource management, camping administration, outdoor/environmental education and interpretation, outdoor leadership, and the dimensions of human ecology commonly associated with aspects of outdoor recreation and park management.

Degree Requirements

A minimum of 35 credit hours is required for this program. The Master of Science in Recreation degree must include a minimum of 20 credits from the Department of Health & Wellness Design. A minimum 3.0 cumulative grade point average (GPA) is required for graduation. A minimum

grade of C is required in each course. All electives for completing the degree must be approved by the advisor.

Complete the following list of requirements:

Public Health Foundations Requirement (0 credits)

All new master's degree students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found iu.instructure.com/enroll/MNG3L6

Outdoor Recreation Foundation Courses (15–20 credits)

Complete each of the following courses:

- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)
- SPH-O 510 Human Health, Quality of Life, and Natural Environments (3 cr.)
- SPH-R 510 Philosophy of Leisure and Recreation (3 cr.)
- SPH-R 512 Admin. Theory & Practice in Leisure Services (3 cr.)
- SPH-R 590 Introduction to Research in Health & Wellness Design (3 cr.)

Capstone Courses (2–5 credits)

Complete one of the following courses:

- SPH-R 598 Master's Project in Administration (2–4 cr.)
- SPH-R 599 Master's Thesis (5 cr.)
- SPH-R 697 Professional Internship (2-4 cr.)

Specialization Courses (12 credits)

Students must complete a minimum of 12 credits of specialization courses within the Department of Health & Wellness Design. Choose from one of the four specialization areas: (1) Outdoor Interpretation, (2) Resource Management, (3) Outdoor Leadership, (4) Outdoor Recreation. Course selection must be approved by graduate advisor.

Remaining Electives (3 – 6 cr.)

Complete electives to reach the required minimum 35 graduate-level credits. Electives must be selected with advisor approval

Special Opportunities

Graduate academic appointments are available for students pursuing graduate studies in the Department of Health & Wellness Design. Selection criteria for a graduate assistantship or associate instructorship include scholarship records, experience, previous graduate work, and letters of recommendation. Duties for a student academic appointment may involve assisting faculty with teaching, research, or other departmental duties; teaching classes; working in the Division of Recreational Sports; or other special assignments.

Careers

The purpose of the master's program in outdoor recreation is to provide students with the skills necessary for successful careers in the development and implementation of experiences that promote meaningful and healthy relationships between people and the outdoors.

Master of Science in Nutrition (N.M.S.)

- Description of Program
- Degree Requirements
- Special Opportunities
- Careers

Description of Program

Nutrition science integrates nutrition with biochemistry, epidemiology, and research methods, including statistics and communication skills to prepare students for doctoral study in nutrition or professions in clinical nutrition, community nutrition, industry, or government. Specialization courses can be selected from biostatistics, epidemiology, food policy and regulations, and courses for specific populations with whom nutrition professionals may serve.

Degree Requirements

A minimum of 30 graduate credit hours is required for the nutrition degree. A minimum 3.0 cumulative grade point average is required for graduation. A minimum grade of C is required in each course. Twenty credits must be in the major field. The sequence of courses for completing the degree must be approved each semester by the advisor.

All courses must be taken at the graduate level to count for the Master's degree.

Complete the following list of requirements to reach a total of 30 graduate credits.

Required Courses (30 cr.)

Public Health Foundations Requirement (0 credits)

Students in the Nutrition degree program must complete the Public Health Foundations online prerequisite no later than the end of their first semester of graduate study.

Complete details and registration information for this experience can be found at the following website: <https://go.iu.edu/40gv>

Complete the following Nutrition core courses (6 cr.):

SPH-N-730 Regulation of Nutrient Metabolism I (3 cr.)

SPH-N-732 Regulation of Nutrient Metabolism II (3 cr.)

Complete the following Specialization core courses (10 cr.):

SPH-N-700 Nutrition Research Methods, Rigor, Reproducibility, & Transparency (3 cr.)

SPH-N-617 Communication of Nutrition Science to Diverse Audience (3 cr.)

SPH-N-694 Graduate Seminar in Nutrition (1 cr., repeat for 4 cr.)

Complete the following Public Health core course (3 cr.):

SPH-Q-604 Applied Linear Regression (3 cr.)

Complete two of the following Elective courses*: (5 cr.)

SPH-E-680 Nutritional Epidemiology or SPH-E-651 Epidemiology

SPH-N-602 Food and Nutrition Policy and Regulations

ANTH-E-621 Food and Culture or other food studies graduate course

SPH-H-522 Promoting Women's Health or other maternal child health graduate course

SPH-B-589 Theory and Concept Frameworks in Public Health

SPH-N-600 Nutrigenomics

SPH-N-601 Phytonutrients

SPH-N-620 Nutrition in Sports

SPH-H-750 Advanced Seminar in Health Behavior

SPH-H-791 Readings in Health Behavior

SPH-Q-605 Analysis of Multilevel and Longitudinal Data

*Or other elective graduate courses upon approval of the advisor

Complete Thesis Research (6 cr.):

SPH-N-599 Master's Thesis Research (repeat for 6 credits)

Special Opportunities

Special opportunities include individualized research with faculty members, laboratory experiences, and volunteer opportunities in nutrition education and communication.

Careers

The study of nutrition lays a solid foundation for further study in doctoral programs or professional schools that train physicians, dentists, physicians' assistants, and other professions. Graduates with an M.S. in Nutrition can also work in related government agencies or the food industry, health-related companies, or pharmaceutical sales. Graduates with an M.S. in Nutrition also can conduct research in nutrition, food science, or health.

Behavioral, Social, and Community Health Major (MPH)/Health Behavior Major(PhD)

- [Description of Program](#)
- [Degree Requirements](#)
- [Special Opportunities](#)
- [Careers](#)

Description of Program

This is a dual degree program that awards the M.P.H. in Behavioral, Social, and Community Health and the Ph.D. in Health Behavior. The M.P.H. in Behavioral, Social, and Community Health trains students to research, analyze and address the social and behavioral factors that influence health and health outcomes at the individual, community, and population levels. The program of study includes the core disciplines in public health and courses in social and behavioral health. The Ph.D. in Health Behavior is a highly regarded, nationally recognized program with a strong history of preparing graduates to conduct scholarly inquiry in a broad spectrum of areas emphasizing health promotion and prevention of health problems. Research and creative activities include both basic and applied work in program planning and development; health policy management, evaluation of the program effectiveness; and examination of lifestyle and health behavior in relation to nutrition, exercise, stress, alcohol, tobacco and other drug abuse, individual development and family health, communicable disease, human sexuality, aging, and related areas.

Degree Requirements

*Both MPH/PhD degrees will be conferred together at the end of PhD completion.

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 100 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Requirements for the MPH in Behavioral, Social, and Community Health

MPH Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found at the following website:

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)

- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Behavioral, Social & Community Health Concentration (12 credits) (In person only)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-B 589 Theory & Conceptual Frameworks in Public Health (3 cr.)
- SPH-B 602 Intervention Design in Public Health (3 cr.)
- SPH-H 562 Health Program Evaluation (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

Requirements for the Ph.D. in Health Behavior

All Ph.D. in Health Behavior degree students in the School of Public Health-Bloomington are required to complete the following requirement:

- SPH-E 651, Epidemiology (3 cr.), or its equivalent.

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills**(9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the total credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study**(30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.
- **Minor Area of Study**(9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the major area of study.
- **Electives**(0 to 6 credits). Elective credits may range between 0 and 6.
- **Dissertation**(20 credits)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities independently or in collaboration with faculty members and other graduate students. Through funded associate instructor (AI) appointments, most doctoral students also acquire essential skills and experience in teaching various health topics in different settings. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences.

Careers

Most graduates pursue careers in higher education as professors and researchers while some complete postdoctoral fellowships. Others pursue research or executive careers in governmental agencies such as the Centers for Disease Control and Prevention and state and local health departments and nonprofit health agencies.

Bulletins

- Behavioral, Social, & Community Health Major (M.P.H.)/Health Behavior Major (P.h.D.)
- Public Health Administration Major (M.P.H.)/Health Behavior Major (P.h.D.)

Public Health Administration Major(MPH)- Health Behavior Major PhD

- [Description of Program](#)
- [Degree Requirements](#)
- [Special Opportunities](#)
- [Careers](#)

Description of Program

This is a dual degree program that awards the M.P.H. in Public Health Administration and the Ph.D. in Health Behavior. The M.P.H. in Public Health Administration prepares students to assume leadership roles in the public and private sectors and to effectively create and implement policies and manage programs that promote the public's health with the opportunity to focus on rural populations. Coursework is completed in health policy, finance and budgeting, program evaluation, leadership, legal issues, and resource acquisition and management. The Ph.D. in Health Behavior is a highly regarded, nationally recognized program with a strong history of preparing graduates to conduct scholarly inquiry in a broad spectrum of areas emphasizing health promotion and prevention of health problems. Research and creative activities include both basic and applied work in program planning and development; health policy management, evaluation of the program effectiveness; and examination of lifestyle and health behavior in relation to nutrition, exercise, stress, alcohol, tobacco and other drug abuse, individual development and family health, communicable disease, human sexuality, aging, and related areas.

Degree Requirements

*Both MPH/PhD degrees will be conferred together at the end of PhD completion.

Courses required for this degree are prescribed by an advisory committee for each individual student. Degree requirements include:

- A minimum of 100 graduate-level credits beyond the bachelor's degree are required.
- A minimum 3.0 GPA is required for graduation.
- A minimum grade of C is required in each course used to satisfy the major, minor, and elective requirements of the course prescription.
- A minimum grade of B is required in each course used to satisfy the research skills requirement of the course prescription.

Requirements for the MPH in Public Health Administration

MPH Degree Core (20 credits)

Public Health Foundations Requirement (0 credits)

All students must complete the Public Health Foundations online course no later than the end of their first semester of graduate study. Complete details and registration information for this course can be found at the following website:

Integrated Public Health Core (12 credits)

Complete each of the following courses.

- SPH-X 601 Assessment and Public Health (3 cr.)
- SPH-X 650 Evidence-Based Approaches to Public Health (3 cr.)
- SPH-X 660 Population Health Determinates (3 cr.)
- SPH-X 685 Public Health Policy and Politics (3 cr.)

Professional Development and Practical Experiences (8 credits)

Complete each of the following courses.

- SPH-X 610 Professional Development Seminar 1 (2 cr.)
- SPH-X 611 Professional Development Seminar 2 (2 cr.)
- SPH-X 696 Professional Practice Experience in Public Health (4 cr.)

Public Health Administration Concentration (12 credits)

Required Concentration Courses (12 credits)

Complete each of the following courses.

- SPH-H 661 Legal Issues in Public Health (3 cr.)
- SPH-P 680 Public Health Economics (3 cr.)
- SPH-X 561 Finance and Budgeting (3 cr.)
- SPH-H 662 Acquiring and Managing External Funds (3 cr.)

Requirements for the Ph.D. in Health Behavior

All Ph.D. in Health Behavior degree students in the School of Public Health-Bloomington are required to complete the following requirement:

- SPH-E 651, Epidemiology (3 cr.), or its equivalent.

Common Course Prescription Components

The elements of the course prescription for all Ph.D. degree students in the School of Public Health are arranged as follows:

- **Research Skills**(9 credits minimum). A minimum of 9 credits of coursework providing required skills to conduct research, such as advanced courses in biostatistics. These credits count toward the total credits for the degree. Courses counted in this area require a minimum grade of B.
- **Major Area of Study**(30 credits minimum). A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health-Bloomington. Courses transferred

from previous graduate work outside the School of Public Health-Bloomington, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the committee's approval.

- **Minor Area of Study**(9 credits minimum). A minimum of 9 credits of coursework in a designated area outside the major area of study.
- **Electives**(0 to 6 credits). Elective credits may range between 0 and 6.
- **Dissertation**(20 credits)

Special Opportunities

Students have the opportunity to develop skills by participating in research activities independently or in collaboration with faculty members and other graduate students. Through funded associate instructor (AI) appointments, most doctoral students also acquire essential skills and experience in teaching various health topics in different settings. Students are strongly encouraged to publish research results in professional journals and via presentations at national conferences.

Careers

Most graduates pursue careers in higher education as professors and researchers while some complete postdoctoral fellowships. Others pursue research or executive careers in governmental agencies such as the Centers for Disease Control and Prevention and state and local health departments and nonprofit health agencies.

MSAHS Nutrition & Dietetics MS – Dietetics BS

Accelerated Programs

MSAHS Nutrition & Dietetics MS – Dietetics BS

Accelerated Pathway in Dietetics (Bachelor of Science in Applied Health Science, Dietetics, + Master of Science in Applied Health Science, Nutrition & Dietetics)

- Description of Program
- Degree Requirements
- Outcomes
- Careers

Description of Program

The Accelerated Master's Pathway in Dietetics (AP) was developed for IU dietetics students seeking to become Registered Dietitian Nutritionists (RDNs). The AP combines the ACEND-accredited four-year undergraduate Bachelor of Science in Applied Health Science, Dietetics, degree with the two-year Master of Science in Applied Health Science, Nutrition & Dietetics, degree. The result is a pathway that enables enrolled AP students to complete both a B.S. and an M.S. degree in five years instead of the usual six years. The one-year savings of time and expense is possible because of four overlap courses that count toward both degrees.

Interested students already admitted to IUB as dietetics majors can apply to the AP during their junior year. A

minimum GPA of 3.2 is preferred. Applicants must also meet requirements for the M.S. degree.

IU offers the AP in dietetics as an investment in the future of students seeking careers as RDNs, the credentialed professional in the field of dietetics. There are multiple steps to becoming an RDN:

1. Obtain the minimum of a master's degree.
2. Fulfill dietetics educational requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). These requirements can be completed at the undergraduate or graduate level of study.
3. Complete a supervised practice experience through an ACEND-accredited institution.
4. Take and pass the national RD exam.

Note: While degrees earned may be in any field of study, dietetics coursework and supervised practice must be completed through an ACEND-accredited institution.

The undergraduate dietetics major provides the educational foundation for students seeking careers as RDNs; adding the graduate degree enables AP graduates to complete the first two steps toward RD exam eligibility while at IUB. AP students pay undergraduate tuition for the four overlap courses, which are graduate courses taken by AP students while they are still undergraduates. AP students complete the bachelor's degree with the rest of the senior class, then complete the master's degree in one additional year. Graduates who successfully complete the AP at Indiana University are eligible to apply to an ACEND-accredited supervised practice program, after which they can take the national RD exam.

Degree Requirements

AP students complete the same four-year program leading to a Bachelor of Science in Applied Health Science, Dietetics, degree except that the four overlap courses are taken as 500-level graduate courses instead of the usual 400-level courses taken by undergraduates. AP students complete a minimum of 138 credits for both degrees.

Graduation requirements for the B.S. degree include:

- completion of general education requirements established by IU
- completion of dietetics major requirements
- a minimum of 120 successfully completed credit hours that count toward the undergraduate degree program
- a minimum 2.0 cumulative GPA
- No Pass/Fail courses except for free electives

During their senior year, AP students are matched with graduate faculty who will serve as advisors for the non-thesis project required for the master's degree. Completion of a research thesis is also possible, but completion of the master's degree might then take longer than one additional year.

Graduation requirements for the M.S. degree include:

- completion of a minimum of 30 graduate credit hours
- a minimum 3.0 cumulative grade point average
- a minimum grade of C in each required course

General Education (20 – 39 credits)

All undergraduate students must complete the IU Bloomington campus-wide general education common ground requirements. Such students must visit the <https://bulletins.iu.edu/iub/educ-ugrad/2024-2025/programs/index.shtml> to view these requirements.

Major (94 cr.)

Dietetics Core (53 cr.)

A minimum grade of C– is required in each professional core course.

Complete each of the following courses:

- SPH-N 120 Introduction to Foods (3 cr.) (P: Dietetics or NS major)
- SPH-N 231 Human Nutrition (3 cr.) **+N&M** (R: CHEM-C 101 or equivalent and a course in Biology)
- SPH-N 301 Methods of Nutritional Assessment (3 cr.) (P: SPH-N 231)
- SPH-N 320 Food Chemistry (3 cr.) (P: SPH-N 120, CHEM-C 117, R: CHEM-R 340/C 341)
- SPH-N 321 Quantity Food Purchasing and Production (4 cr.) (P: SPH-N 120, Dietetics major, Senior Standing or permission of instructor)
- SPH-N 322 Management Systems in Dietetics (3 cr.) (P: SPH-N 321, Dietetics major)
- SPH-N 325 Food Chemistry Laboratory (3 cr.) (R or C: SPH-N 320)
- SPH-N 331 Life Cycle Nutrition (3 cr.) (R: SPH-N 220 or N 231)
- SPH-N 336 Public Health Nutrition (3 cr.) (P: SPH-N 231)
- SPH-N 401 Issues in Dietetics (1 cr.) (P: Dietetics senior)
- SPH-N 416 Nutrition Counseling and Education (3 cr.) (P: Dietetics major, SPH-N 431)
- SPH-H 351 Complementary and Alternative Approaches to Health (3 cr.)
- SPH-H 494 Research and Evaluation Methods in Health and Safety (3 cr.)
- SPH-N 480 Mech of Nutrient Action (3 cr.) or BIOL-L312

Overlap courses (12 cr.)

- SPH-N 530 Advanced Nutrition I (3 cr.) (P: SPH-N 231, CHEM-C 341/R 340)
- SPH-N 531 Medical Nutrition Therapy (3 cr.) (P: SPH-N 231, ANAT-A 225, PHSL-P 225, P or C: CLAS-C 209)
- SPH-N 532 Advanced Nutrition II (3 cr.) (P: SPH-N 530)
- SPH-N 533 Medical Nutrition Therapy Application (3 cr.) (P: SPH-N 531)

Additional Major Courses (41 cr.)

A minimum grade of C– is required in each pertinent major course, except CHEM-C 117 and CHEM-C 127, which each require a minimum grade of C for admission to the dietetics program.

Complete each of the following courses:

- ANAT-A 225 Basic Human Anatomy (5 cr.) **+N&M**
- BIOL-M 200 Microorganisms in Nature and Disease (3 cr.)

- CHEM-C 117 Principles of Chemistry and Biochemistry I (3 cr.) (minimum grade of C required for admission) **+N&M**
- CHEM-C 127 Chemistry and Biochemistry Laboratory I (2 cr.) (minimum grade of C required for admission) **+N&M**
- CHEM-R 340 Survey of Organic Chemistry (3 cr.) **or** CHEM-C 341 Organic Chemistry Lecture I (3 cr.)
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)
- COLL-P 155 Public Oral Communication (3 cr.)
- SPH-H 350 Writing in Public Health (3 cr.) **or** ENG-W 231 Professional Writing Skills (3 cr.)
- PHSL-P 225 Basic Human Physiology (5 cr.) **+N&M**
- PSY-P 101 Introductory Psychology 1 (3 cr.) **+N&M**
- PSY-P 325 Psychology of Learning (3 cr.) **or** PSY-P 335 Cognitive Psychology (3 cr.) **or** EDUC-P 254 Educational Psychology for Teachers - All Grades (3 cr.)
- SPH-B 150 Introduction to Public Health (3 cr.) **+S&H**
- SPH-Q 381 Introduction to Biostatistics (3 cr.) **or** MATH/PSY-K 300 Statistical Techniques (3 cr.)

+ Courses with an N&M notation apply toward both major requirements and the natural and mathematical sciences general education requirement. These count in both places.

Additional courses to complete the Master's degree (18 cr.)

Public Health core courses (6 cr.)

- SPH-E 680 Nutritional Epidemiology or SPH-E 651 Epidemiology (3 cr.)
- SPH-Q 501 Introduction to Statistics in Public Health (3 cr.)

Complete two of the following Elective courses (6 cr.)

- SPH-N 617 Communication of Nutrition Science to Diverse Audiences (3 cr.)
- SPH-N 602 Food and Nutrition Policy and Regulations (3 cr.)
- ANTH-E 621 Food and Culture or other Food Studies graduate course (3 cr.)
- SPH-H 522 Promoting Women's Health or other Maternal Child Health graduate course (3 cr.)
- SPH-B 589 Theories and Conceptual Frameworks in Public Health (3 cr.)
- SPH-N 600 Nutrigenomics (P: CHEM-C 483 OR SPH-N 530) (3 cr.)
- SPH-N 601 Phytonutrients (P: SPH-N 532 or concurrent or permission of instructor) (3 cr.)
- SPH-N 620 Nutrition in Sports (3 cr.)

Complete one of the following six-credit research options (6 cr.):

Complete the following six-credit combination of courses (6 cr.)

- SPH-N 691 Readings in Nutrition Science (3 cr.) **or** SPH-N 539 Special Problems: Nutrition & Food Science (3 cr.)
- SPH-N 692 Research in Nutrition Science (3 cr.)

OR Complete a master's thesis.

- SPH-H 599 Master's Thesis (6 cr.)

Outcomes

The AP is too new to report post-graduation outcomes. However, the undergraduate dietetics program has strong outcomes, with a 93% placement rate of alums into supervised practice programs and >95% one-year passage rate on the national RD exam since the year 2000.

Careers

RDNs may work in clinical settings such as hospitals, long term care facilities, nutrition clinics, or private practice; serve on a health care team; or work one-on-one with people in the treatment and prevention of disease. Community-based RDNs counsel individuals and groups on nutritional practices designed to prevent disease and promote health. Management RDNs often oversee large-scale meal planning and preparation in health care facilities, schools, universities, restaurant chains, or private industry. A growing number of RDNs work in business, journalism, marketing, sports nutrition, and corporate wellness programs. Dietitians who enjoy research may lead or consult on clinical research studies within academic centers, medical facilities, or governmental organizations, or they may prefer the food industry, where they can research and develop food products, services, or educational programs. With advanced degrees, dietitians may pursue careers in higher education.

Accelerated Programs

- MSAHS Nutrition & Dietetics MS – Dietetics BS

Advising & Registration

Advising and Registration

Each student will be assigned an academic advisor at the beginning of their academic career with SPH. All phases of the student's program are subject to the approval of the advisor.

All graduate students are required to meet with their advisor before registering for classes each term. During each of these meetings, a student and advisor identify the courses in which the student will enroll for the following term.

An advising hold will be placed on all student accounts at the beginning of each semester to prevent enrollment in the following semester until an advising meeting has taken place and all courses are approved by the student's advisor.

Procedures for Maintaining Enrollment

It is the student's responsibility to meet with their advisor before registration for each new semester, make a course plan for the upcoming semester, and have the **Academic Advisor Course Registration Approval Form** approved by their advisor.

This is a requirement for all SPH students, and this step must be completed prior to enrollment each semester.

The form can be found here: <https://one.iu.edu/task/iub/current-sph-students> by pressing "Start" and then selecting the "Forms" link.

Once the advisor approves the electronic form, it will route to the staff member in Degree Administration assigned to graduate student services, after which the hold will be removed and confirmation and further instructions will be sent to the student.

Independent Study, Readings, and Research courses require a form and **prospectus** (1-2 pages detailing the specific work the student is performing for the course).

The form can be found here: <https://one.iu.edu/task/iub/current-sph-students> by pressing "Start" and then selecting the "Forms" link.

Once the advisor and course instructor approve the electronic form, it will route to the staff member in Degree Administration assigned to graduate student services, after which the hold will be removed and confirmation and further instructions will be sent to the student.

Students should consult their advisor and/or the instructor of the Independent Study course for advice on formulating the required prospectus.

Graduate students must have a 3.0 GPA to enroll in any independent study courses.

Other Tools to maintain enrollment:

Students can access the IUB Official academic calendar here to see schedules and deadlines for each semester: <https://utilities.registrar.indiana.edu/calendars/official-calendar/>

Students can access **Student Center** here: <https://one.iu.edu/task/iu/student-center>

In Student Center you may view your grades, unofficial transcript, class schedule, class permissions, financial aid, registration holds, and enrollment date/time. Additionally, you can use class search, shopping cart, drop classes, and swap classes to adjust your schedule during the self-service period.

Some helpful tutorial videos on using functions of Student Center may be found here: <https://one.iu.edu/task/iu/student-center-videos>

A tutorial on how to enroll in courses using one.iu.edu may be found here: <https://studentcentral.indiana.edu/register/steps-register/index.html>

Advising Tools

Doctoral students have course work prescribed for them by a faculty committee, chaired by the student's academic advisor. The student's advisor will direct the student to complete the prescribed courses in the proper order.

For master's degree programs, the advisor and student follow a prescribed, faculty-approved curriculum. The advisor will direct the student's sequence of required course completion and elective choices according to the student's academic interests and professional goals.

Master's degree students may view personalized, online, academic advisement reports (AARs) at <https://one.iu.edu/task/iu/degree-progress-report>. These reports assist students in understanding which academic

degree requirements have been completed, and which requirements have not.

The degree requirements for each Master's and Doctoral degree program, as well as Graduate Certificates may be found here: <https://bulletins.iu.edu/iub/phb/2022-2023/graduate/index.shtml>

Financial Aid, Awards & Scholarships

Assistantship Positions

An assistantship is a paid appointment, awarded for one year to a qualified graduate student. This appointment requires the student to work part-time in one of the following types of positions:

Associate Instructor: A graduate student who is employed as a teacher and engages in activities as a teacher. Teaching consists of the activities of teaching, lecturing, tutoring, instructing, laboratory assisting in an instructional role, and the like in the activity of imparting knowledge, providing the employee has responsibility for assigning grades for at least a portion of a course and has direct contact with students.

Graduate Assistant: A graduate student who, in an academic department or in an administrative office, assists in work associated with the duties of faculty members or administrators, such as library searches, curricular development, or paper grading, and who is not an Associate Instructor, Research Assistant, Student Counselor, or Faculty Assistant.

Research Assistant: A graduate student who is engaged in or assists with original, professional-level research.

Applicants for admission to graduate degree programs and current students may apply for assistantships at publichealth.indiana.edu/student-portal/financial-support/fellowships/index.html. Most assistantships are awarded in the spring semester of each academic year for use toward the following year's expenses. Financial support is not guaranteed with admission to a graduate program, but the School of Public Health—Bloomington has an excellent record of supporting graduate students. In most cases, assistantships that are awarded to masters students are granted for only one year.

Eligibility Any graduate student who is officially admitted to a master's or doctoral degree program in the School of Public Health-Bloomington is eligible to apply for an assistantship. However, a student whose first language is not English must pass the Test of English Proficiency for International Associate Instructor Candidates (TEPAIC) before being appointed as an associate instructor. For this reason, this type of assistantship is not normally granted to a student whose first language is not English, unless the student has passed the TEPAIC before the assistantship is awarded. The TEPAIC is not to be confused with the Indiana English Language Proficiency Examination (IEPE), which is required of all new School of Public Health-Bloomington students whose first language is not English. The IEPE is different from TEPAIC, in that the IEPE serves to test the readiness of such students to take Indiana University classes. The TEPAIC tests the ability of such students to teach as associate instructors.

Criteria Criteria for selection are experience, departmental needs, scholarship records, and recommendations.

Duties Students may be appointed as associate instructors, research assistants, or graduate assistants. Students are normally assigned to the department in which they are majoring. Duties may involve assisting faculty with teaching, research, or other departmental duties; teaching classes; or working in the Division of Campus Recreational Sports. Other special assignments may also be made.

Stipend The stipend for the academic-year assistantships vary based on whether a student is a master's or doctoral student. Master student assistantships are for only one year.

Fee Remission Limited or full fee remission may be awarded to any student enrolled in at least 6 credit hours per semester and working between 15 and 30 hours per week as a graduate student academic appointment. At departmental discretion, a fee remission may be awarded if a student is appointed to work for fewer than 15 hours per week. A fee remission may be awarded for a maximum of 30 credit hours per 12-month period, beginning with the start of the fall semester, with at most 12 credit hours in any semester or combined summer session. Fee remission does not cover dedicated fees, mandatory fees, and course-related fees or audit hours. Additional information is contained in the "Handbook For Student Academic Appointees" for the Bloomington Campus, a copy of which is located in the School of Public Health-Bloomington Dean's Office and at vpfaa.indiana.edu/doc/graduate-student-academic-appointees-guide.pdf.

School of Public Health-Bloomington Research and Travel Grant-in-Aid

The purpose of School of Public Health-Bloomington Student Research and Travel Grant-in-Aid support is to encourage students to become actively engaged in research-related activities. The Research Grant-in-Aid Awards provide support for inquiry for doctoral dissertations, master's thesis, and research project work. The School of Public Health-Bloomington Student Travel Grant-in-Aid provides funding for the dissemination of research results at professional conference. This is a companion to the Research Grant-in-Aid. For more information visit publichealth.indiana.edu/student-portal/financial-support/fellowships/index.html.

Graduate Student Federal Work-Study (GFWS)

Graduate Federal Work-Study is a need-based award that enables eligible students to acquire work-study jobs, the wages for which are largely funded by the federal government. The Graduate Student Federal Work Study typically takes the form of an assistantship offered by the student's academic department. Graduate students can learn more at studentcentral.indiana.edu/pay-for-college/funding-options/work-study.html.

The FAFSA must be filed by the March 1 priority date each year a student is interested in Federal Work Study. Additional information regarding the eligibility requirements of this award can be found at studentcentral.indiana.edu/financial-aid/apply/afsa.shtml.

Please note, our office recommends filing the FAFSA by the March 1 priority deadline to guarantee that the option of all possible awards is available, even if the student is unsure as to whether he/she will need

financial aid. If financial aid is not required after filing the FAFSA, then students may request to cancel it with our office.

School of Public Health-Bloomington Awards and Fellowships

A variety of awards and fellowships are available for admitted graduate students in the School of Public Health-Bloomington. Eligibility criteria for these awards vary. Some of these considerations include demonstration of academic excellence, leadership in extracurricular activities, and financial need. Students are encouraged to discuss these award and scholarship possibilities with their academic advisors. Award amounts vary, based on funding availability. For more information visit publichealth.indiana.edu/student-portal/financial-support/fellowships/index.html.

Graduate Academic Programs

The School of Public Health-Bloomington offers a wide variety of academic programs for graduate students. Learn more about Master's Degree Programs, Doctoral Degree Programs, or Graduate Certificates.

Prior Learning

With the exception of situations in which the School of Public Health-Bloomington is mandated to do by the state and university, the School of Public Health **does not** provide undergraduate or graduate credit for life experience/prior learning (experience outside the university for which no transferable credit from other institutions can be awarded).

Admission to Candidacy

When a doctoral student has completed all required course work and has passed the qualifying examination, the student's advisory committee nominates the student for doctoral degree candidacy. Following nomination to candidacy, the dissertation phase of the degree program begins.

A doctoral student who has passed the qualifying examination, and who has earned acceptable grades in **all** courses on the student's doctoral course prescription, may initiate the Ph.D. degree candidacy process by completing and submitting the student's portion of the online *Nomination to Candidacy for the Ph.D. Degree Form* at: one.iu.edu/task/iub/nomination-to-candidacy-for-phd. The structure of a student's Ph.D. degree program dictates which members of a student's advisory committee must approve this form.

- Double majors without a doctoral minor do not need to complete the sections of the form entitled, "Minors" and "Minor Representative(s)." However, in the section entitled "Advisory Committee Members," double majors must list the advisory committee chair from each major.
- Single majors must list the advisory committee minor representative (or two, in the case of a student with two minors), in the "Minor Representative(s)" section of the form. Single majors must also list the chairperson of the advisory committee in the "Advisory Committee Members" section of the form.

This form, when submitted by the student, routes to the School of Public Health-Bloomington dean's office, then to

the advisory committee chairperson(s), then to the minor representative(s). Lastly, the form routes to the University Graduate School for final approval.

NOTE: For students with prescribed courses older than seven years at the time of the qualifying exam, the School of Public Health graduate recorder must attach a document showing University Graduate School approval of the revalidation request for each such course.

Approved doctoral degree candidates generally register for dissertation research credit hours only.

Frequently Asked Questions:

Question: I passed my qualifying examination with one incomplete course on my course prescription. May I be nominated to Ph.D. degree candidacy immediately?

Answer: No, you must first earn an acceptable grade in the course which currently has an incomplete grade.

Application for Commencement Ceremony Participation

Ph.D. degrees are awarded monthly by the University Graduate School (UGS).

Candidates for the Ph.D. degree who wish to participate in the graduation commencement ceremony, must complete and submit the Commencement Participation Application Form six (6) months before the expected date of graduation.

The final deadline for this eDoc is February 25 for the Spring (May) ceremony, and September 25 for the Fall (December) ceremony. This is a strict UGS deadline, and the eDoc must be turned in no later than these dates in order for UGS to honor it.

This eDoc is not a promise to the student to graduate during a certain month, but rather a way that UGS can track who intends to graduate so their name may be printed in the commencement program and read out loud at the commencement ceremony.

The commencement ceremony is a celebratory event which happens twice per year. The May ceremony is for all students who will graduate between January and August. The December ceremony is for all students who will graduate between September and December.

The application form is available at one.iu.edu/task/iub/phd-commencement-participation-application

Information about degree requirement completion is available at <https://graduate.indiana.edu/academic-requirements/steps/phd.html>

Please note, this application is only for participation in the commencement ceremony, and is a separate process from degree conferral (actually graduating from the degree program and receiving the Ph.D. degree).

Course Prescription Meeting

Students must meet with their Doctoral Advisory Committee to determine the coursework the student will take prior to taking the Doctoral Qualifying Examination.

Students should complete this step by the 8th week of their 2nd semester of enrollment.

During this meeting, the Advisory Committee will evaluate the students' transfer coursework, as well as list out coursework for the student to take prior to their taking the Qualifying Examination and becoming a Doctoral Candidate.

The meeting may take place either in person, or virtually via video chat such as Zoom, Skype, or Microsoft Teams.

The meeting must be approved by the Degree Administration staff member assigned to Graduate Student Services.

Procedure for setting up the meeting:

1. Once a final date is set for the Course Prescription Meeting, the student shall complete the "Application to Schedule a Graduate Student Meeting Form" found at this link: <https://one.iu.edu/task/iub/current-sph-students>, pressing "Start" and selecting the "Forms" link.
2. The form must be initiated at least 10 working days before the meeting takes place, especially if the meeting is to take place in person, as a room must be reserved for the committee's use.

The form is electronic and will go to the advisor from the student via an email with the subject line, "SPH Academic Forms Notification."

3. Once the form is approved, the Degree Administration staff member will send a confirmation and detailed instructions to the student and advisory committee chair via email.

Major, Minor, and Dissertation Course Requirements:

Requirements for this degree are prescribed by each individual student's faculty advisory committee. Requirements include: a minimum of 90 credits beyond the bachelor's degree; a minimum 3.0 cumulative GPA for graduation; and a minimum grade of C in each course used for the degree.

Prerequisites and/or Required Courses

All students in the Ph.D. in Environmental Health degree, the Ph.D in Epidemiology Degree, the Ph.D in Biostatistics Degree, the PhD. in Nutrition degree, and the Ph.D. in Health Behavior degree, must complete the following two requirements:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students should complete the Public Health Foundations online course prior to registering for their first semester courses. Complete details and registration information for this course can be found at the following Website: .*
- SPH-E 651, Epidemiology (3 cr.), or its equivalent.

All students in the Ph.D. in Leisure Behavior degree, and Ph.D. in Human Performance degrees (Biomechanics, Exercise Physiology, Motor Learning/Control, and Sport Management), are required to complete the following requirement:

- **Public Health Foundations Requirement (0 credits)** *All School of Public Health graduate students should complete the Public Health Foundations online course prior to registering for their first semester courses. **Exception: this requirement is waived for students with a prior MPH degree from a CEPH accredited program or school.** Complete details and registration information for this course can be found at the following Website: .*

Degree Requirements (90 credits minimum)

- **Research Skills (9–13 credits)** A minimum of 9 credits are required of coursework providing skills necessary to conduct research. Advanced courses in biostatistics are commonly prescribed.

Important Note: Each Doctoral Degree program may require additional courses beyond this 9 credit hours. Please see Degree Requirements for your major here: <https://bulletins.iu.edu/iub/phb/2023-2023/graduate/doctoral/index.shtml>

Research skill credits count toward the 90 credits for the degree. Courses counted in this area require a minimum grade of B.

Examples of Research Skills courses:

- Advanced statistics courses
- Engineering (recommended for Biomechanics): one course in each of statics, dynamics, and mechanics of materials. These courses should have the content of standard theoretical courses in engineering.
- Other appropriate research skills that have been endorsed by the doctoral advisory committee and approved by the associate dean for graduate studies. Some examples of other appropriate skill areas are computer science, mathematics, and electronic techniques in physics.
- **Major Area of Study (30 credits minimum)** A minimum of 30 credits in the major area of study. These courses must be taken within the School of Public Health. Courses transferred from previous graduate work outside the School of Public Health, if within the major area of study, can be used to fulfill the major areas of study requirement, contingent upon the advisory committee's approval.
- **Minor Area of Study (9 credits minimum)** A minimum of 9 credits of coursework in a designated area outside the department in which the major is being pursued.

Certain minors may require more than 9 credit hours. Please follow the Bulletin requirements for the minor you have selected. It is not permissible to exceed the credit hour requirements of a listed doctoral minor.

- **Electives (0–28 credits)** Elective credits may range between 0 and 28. An optional second minor may be included in the elective credit hours.
- **Dissertation (20–30 credits: 799-level)** – 20 credits is the minimum amount that must be taken by all IU doctoral students. However, a student may take up to 30 credits in order to bring the degree credits up to 90 total.

Course Prescription Stipulations:

In addition to the requirements listed above,

1. A student registered in a doctoral program must satisfactorily complete all course work and the doctoral qualifying examination within five (5) years of the initial registration.
2. Courses used to satisfy the 90 required credit hours of graduate coursework may not have been completed more than seven (7) years before the date on which the student takes the doctoral qualifying examination.
- The advisory committee chair may recommend that a maximum of 30 credits of coursework taken prior to this timeline be revalidated. Please see this link for procedures on revalidating coursework: <https://bulletins.iu.edu/iub/phb/2023-2024/policies/doctoral/revalidation.shtml>
3. Elective or minor course work must clearly support the development of research competency in the major field.
4. Deficiencies in coursework must be made up during the first year of enrollment.

Course Prescription Requirements

Course Prescription:

The courses required for a doctoral degree are individually prescribed for each student following approval of the members of the student's advisory committee. The student and the advisory committee work together to prescribe the required research skill courses, major courses, minor courses, elective courses, and the appropriate number of dissertation credits. This prescription of required courses may be finalized and approved during a formal course prescription meeting attended by the student and the members of the student's advisory committee.

To request a course prescription meeting, first finalize the day and time with all members of your committee. Meetings may happen in person or virtually using Zoom or Microsoft Teams.

If you choose to have the Course Prescription meeting in person, please fill out this form a minimum of 10 working days before the planned meeting date so the Graduate Recorder can reserve a room: <https://sph.indiana.edu/forms/student/graduate-student-meeting/index.php>

If you choose to have the Course Prescription meeting virtually (on Zoom or Microsoft Teams), you are responsible for creating a Zoom or Teams meeting and distributing the meeting information to your committee.

Once you have completed the meeting and your committee approves your coursework plan, please initiate the Online Course Prescription form (see below).

The Course Prescription Form is housed online in the SPH-B E-Course Prescription Environment, located here: <https://sph.indiana.edu/ECRx/> - student will select the "Student Login" link to begin the form process. This is linked to the Advisory Committee and Transfer Credits

form within the same online environment so all can be referenced as needed by the student.

The form is first approved by the Advisory Committee Chair, then each committee member, then the Graduate Recorder, and finally the Assistant Dean of Graduate Education.

A doctoral student's course prescription consists of a minimum of 90 credits, including research skills, major area of study, minor area of study, elective, and dissertation credits. The distribution of credits in these areas is normally as follows:

- Research skill courses (minimum 9 credits)
- Major courses (minimum 30 credits)
- Minor courses (minimum 9 credits)
- Elective courses (0–28 credits)
- Dissertation credits (20–30 credits)

The 90 credits for the Ph.D. degree also includes coursework that is considered to be prerequisite or required coursework. These requirements are described in the section of the bulletin entitled [Major, Minor, and Dissertation Course Requirements](#).

The form can and should be updated if a change in any courses is needed at any time. Please notify the Graduate Recorder (Amy Shamanov at alooop@iu.edu) with requests for changes. Please indicate which section of the course prescription, and which specific courses, are being modified.

Doctoral Degrees Offered

The School of Public Health-Bloomington is authorized to qualify candidates for the Doctor of Philosophy (Ph.D.) degree in biostatistics, environmental health, epidemiology, health behavior, human performance, and leisure behavior.

The Ph.D. degree is offered through the University Graduate School but is administered by the School of Public Health-Bloomington. This degree provides students with a comprehensive understanding of the field of interest and an intimate knowledge of research methodology.

Department of Epidemiology and Biostatistics:

- PhD in Epidemiology
- PhD in Biostatistics

Department of Applied Health Science:

- PhD in Health Behavior
- PhD in Nutrition
- MPH in Behavioral Social and Community Health + PhD in Health Behavior
- MPH in Public Health Administration + PhD in Health Behavior

Department of Environmental and Occupational Health:

- PhD in Environmental Health

Department of Kinesiology:

- PhD in Human Performance with the following specialties:
 - Biomechanics
 - Exercise Physiology
 - Motor Learning and Control

- Sport Management

Department of Health and Wellness Design:

- PhD in Leisure Behavior

Dissertation

Each candidate must present a satisfactory dissertation in partial fulfillment of the requirements for the doctoral degree. The dissertation permits the candidate to demonstrate creative ability in identifying and treating a significant problem; to collect, analyze, and interpret meaningful data by appropriate research methods; to make valid generalizations based on the findings; and to present the study in acceptable written form. The dissertation should be designed and carried out so as to make a positive contribution to the knowledge base of the profession. Completion of a dissertation normally requires at least one year of concentrated effort.

Dissertation Completion Within Seven Years

After approval by the committee, the research is conducted under the supervision of the dissertation director. The acceptability of the completed dissertation is first passed by the chair and then by the doctoral committee at a formal meeting.

The dissertation must be completed within seven years after the successful completion of the qualifying examinations. Failure to meet this requirement will result in the termination of candidacy and of the student's enrollment in the degree program. To be reinstated to candidacy, the student must (a) apply for reinstatement and (b) retake and pass the qualifying examination or its equivalent (defined by the doctoral research committee in advance). A recommendation for reinstatement to candidacy must come from the chair of the doctoral research committee and receive approval from the executive associate dean of the School of Public Health-Bloomington, and final approval from the dean of the University Graduate School. Progress toward dissertation completion will be a factor in granting permission to continue. Such reinstatement, if granted, will be valid for a period of time which is determined by the dean of the University Graduate School.

After the completed dissertation has been approved by the chair, it will be formatted in accordance with established regulations. At least four weeks before the final examination, a copy of the completed dissertation must be presented to each committee member. The dissertation must include an acceptance page, a 350-word abstract, and a vita sheet. An additional 350-word abstract, an additional title page, and a one-page announcement of the dissertation defense must also be submitted to the chair.

Dissertation Proposal

A student's research committee must formally approve the student's research project before it begins. To earn official approval, the student must present a research proposal at a public proposal meeting, open to faculty and students in the university community. Dissertation proposal materials are submitted to the chair of the candidate's research committee within a sufficient time frame in advance of the proposal meeting to permit a thorough review. Materials

include an introduction to the study, a review of literature, and a description of research procedures to be used.

If the proposed research involves human subjects, animals, biohazards, or radiation, approval from the appropriate institutional review board (IRB) must be obtained prior to the beginning of data collection. Information on the use of human subjects in research may be found at: research.iu.edu/compliance/human-subjects/index.html.

The dissertation proposal meeting may take place before or after IRB clearance has been obtained.

Complete the following steps to arrange the meeting:

1. The student and the research committee agree on a date and time for the student's proposal meeting.
2. Ten (10) business days in advance of the proposed meeting date, the student completes and submits the Application to Schedule a Doctoral Dissertation Proposal Meeting Form. This form is available at <https://one.iu.edu/task/iub/current-sph-students>.

Confirmation of the meeting date, time, and location will be communicated to the student and the committee members via email by the Degree Administration staff member assigned to graduate student services.

During the first portion of the meeting, the student formally presents the research proposal in an open forum. Committee members and visitors have the opportunity to ask questions. Visitors leave after the formal presentation. How the remaining time is used is determined by the student's research committee.

Dissertation Research Committee

Upon successful completion of the qualifying examination, and admission to candidacy for the doctoral degree, the responsibilities of the advisory committee have been discharged, and that committee is technically disbanded.

A new committee—the Research Committee—must be appointed for the purpose of guiding the candidate's dissertation research. In many instances the members of the advisory committee become members of the research committee. However, the actual makeup of the research committee will be determined by the nature of the research to be pursued and the interests and qualifications of faculty.

To initiate research for the dissertation, the student chooses a professor who will agree to direct the dissertation and serve as the Chair of the student's Research Committee.

The committee should be selected from the members of the graduate faculty who are best qualified to assist the student in conducting the research for the dissertation. The committee has the responsibility of supervising the research, reading the dissertation, and conducting the final examination (i.e., the dissertation defense).

All members of a research committee must be members of the graduate faculty. At least half of the members of the committee (which include the Chair and if applicable, Co-Chair) must be members of Graduate Faculty with the

Endorsement to direct doctoral dissertations; others may be regular members of Graduate Faculty.

Information regarding the eligibility of faculty to serve on the dissertation research committee may be found on the Graduate School-IU Bloomington's website at <https://graduate.indiana.edu/faculty-staff-intranet/membership.html>

Students are eligible to defend their final dissertation defense **no earlier than six (6) months after the approval of the Nomination of Research Committee eDoc.**

1. The chosen chair or co-chairs must be from the major department.
 - All chairpersons of research committees must be members of the graduate faculty with the endorsement to direct doctoral dissertations. The endorsement is reserved for tenure-track faculty with a regular appointment at Indiana University and is granted separately from graduate faculty status.
 - If, however, special expertise in an area is held by a member of the graduate faculty who does not have the endorsement, the departmental chairperson may request that the dean of the Graduate School-Bloomington approve such an individual as research committee chairperson.
2. Two or more additional faculty members from the major department
 - SPH-B has been approved for a permanent exception, such that in cases where it would be in the best interest of the student's dissertation research, one additional member can be from *outside* the major department within SPH-B.
3. A representative of each minor
 - In the event that the dissertation research does not involve the area(s) of the minor(s) whether outside or inside the department, the major department may request, with the consent of the minor-field representative(s), the substitution of a representative or of representatives within Indiana University from some other field(s) more appropriate to the topic of the dissertation.

Additional Faculty Members from Universities outside of Indiana University:

Faculty members from universities outside of IU are permitted to serve on the research committee, but the composition of the committee must still have four (4) members from Graduate Faculty from IU as stated above.

The outside faculty member's current Curriculum Vitae (CV) must be attached to the Nomination of Research Committee eDoc.

When applicable, in addition to the four (4) IU faculty who are Graduate Faculty/endorsed, students may also nominate other IU faculty who are not on the Graduate Faculty list, to serve as an *extra* faculty member on the Doctoral Research Committee with Graduate School of IU Bloomington approval.

Any extra faculty members *who work at IU*, (who are *not* members of IU Graduate Faculty) should be included in the "Outside Committee Members" section of the Nomination of Research Committee (NORC) eDoc, and their most recent Curriculum Vitae (CV) should be attached to the eDoc.

Nomination of Research Committee eDoc:

Following official admission to candidacy, the doctoral candidate completes the Nomination of Research Committee eDoc with the University Graduate School (UGS) at <https://one.iu.edu/task/iupui/phd-nomination-of-research-committee>.

- A summary of the proposed dissertation (as a prospectus) must be attached to the eDoc prior to submitting it.
- IRB approval (if the research involves human or animal subjects) should be attached if it has already been obtained at the time of turning in this eDoc as well.
- Here is a link to IUB's Research Compliance information: <https://research.iu.edu/compliance/human-subjects/index.html>
- It is the student's responsibility to ensure that their research is in compliance with IU's Research Compliance requirements, **and research must not begin** until compliance is verified by the IRB.

Dissertation Submission and Publication

After the final examination in defense of the dissertation has been passed and the dissertation has been approved, Ph.D. degree candidates must submit the dissertation online via ProQuest. Please read detailed instructions on the University Graduate School website here: <https://graduate.indiana.edu/academic-requirements/thesis-dissertation/doctoral-guide/index.html>

Contact the Graduate School of IU Bloomington (812-855-9345) if you encounter a problem during submission.

In addition to online submission of the dissertation, specific items must be obtained, completed, and submitted to the Indiana University Graduate School recorder. These items include a Survey of Earned Doctorate Form, a signed acceptance page, and a signed research abstract. Please contact the University Graduate School (812-855-9345) if you have questions about these required items.

Deadlines for Submission: <https://graduate.indiana.edu/academic-requirements/deadlines/phd.html>

Doctoral Advisory Committee

No later than one year after enrollment into the PhD Program, the student shall nominate an Advisory Committee to approve the student's program of study (Course Prescription) and counsel the student until the passing of the doctoral qualifying examination.

The advisory committee must include:

- At least two (2) members from the major area
- One (1) member from an area outside the major (typically from the student's minor department)

- At least two (2) of the above members must be members of the graduate faculty
- If the committee has co-chairpersons, at least one must be from the major area

To see whether a faculty member is a member of IU Graduate Faculty, please visit this link to view the Graduate Faculty Roster: <https://blgrad23.sitehost-test.iu.edu/faculty-staff-intranet/membership.html>

The names of faculty members nominated to serve on the advisory committee shall be forwarded to the Degree Administration office for approval no later than one year after the student has been admitted to the Ph.D. program.

- **Students are required to begin this process by using the SPH Electronic Course Prescription environment**, which is found here: <https://sph.indiana.edu/ECRx/> - student will select the "Student Login" link to begin the form process

This step must be completed before any coursework is transferred or the course prescription drafted.

The *typical* committee structure at SPH-B looks like this:

- 2 members from the major area that consist of:
 - The Advisory Committee Chair, who is the student's advisor
 - Optional Co-Chair who will also serve in an advising capacity, OR a major representative
- One (1) representative from the student's minor

Doctoral Degree Progress Sequence

The chronological steps in the doctoral degree process are:

- Admission
- Formation of an advisory committee (first year)
- Prescription of course work (end of first year or 1st semester of 2nd year)
- Completion of course work
- Qualifying examination
- Admission to candidacy
- Formation of research committee
- Dissertation proposal meeting
- Completion of dissertation research
- Application to participate in IU Commencement (via Graduate School eDoc)
- Application to defend dissertation (via internal SPH form)
- Defense announcement (via Graduate School eDoc)
- Defense of dissertation
- Submission of final dissertation
- Graduation (degree conferral)

Doctoral Qualifying Examination Procedures

To become a candidate for the Ph.D. degree, and to proceed with the dissertation research project, students must pass a comprehensive qualifying examination and submit a Nomination to Candidacy Form and Memo of Understanding (MOU) to the graduate recorder. The form may be found at this link: one.iu.edu/task/iub/current-sph-students

The qualifying examination covers the fundamentals of the fields in which specialization has been elected. The content and format of both the written and oral components of the doctoral qualifying examination are determined by the members of the doctoral advisory committee. Information below includes a step-by-step description of procedures for the doctoral qualifying examination.

The written component of the doctoral qualifying examination may be scheduled during dates agreed upon by the advisory committee and the student. The oral examination must be completed no later than 90 days after the start of the written examination.

[Important note: The date on which a student's Ph.D. degree is awarded must be at least eight months after the passing date of the qualifying examination.]

Doctoral Qualifying Examination Procedures

1. Students who have been admitted to a Ph.D. degree program pending completion of a master's or equivalent degree are expected to have completed this degree before taking the qualifying examination. Students pursuing Ph.D. degrees in environmental health, epidemiology, health behavior, and leisure behavior must provide the assistant director of graduate degree administration with a transcript showing completion of this degree before the student may take the doctoral qualifying examination.
2. A student must submit the Application for Doctoral Qualifying Examination Form to the chair of the student's advisory committee so that the chair can submit it to graduate recorder in the School of Public Health-Bloomington Records Office at least thirty (30) calendar days before the beginning of the examination. The form is available online at one.iu.edu/task/iub/current-sph-students
3. The application must include the proposed dates of the written portion of the examination and a planned date for the oral portion of the examination.
4. The Memo of Understanding (MOU) must include the following:
 - specific details of product(s) that make up the student's qualifying exam
 - specific time frame of the examination (not to exceed 90 days), which includes:
 - Start date
 - Full first draft or Department written exam due date
 - Faculty feedback due date
 - Revision due date
 - Oral exam date
 - grading scale/scoring system that will be used

Note: In exceptional circumstances, changes to dates may be granted but will require an amendment to the MOU signed by the student and committee chairperson; those beyond 90 days require approval and signature of Executive Associate Dean.

5. The School of Public Health-Bloomington graduate recorder determines eligibility of the applicant to sit for the examination.

To sit for the examination, a student must have completed the required research skill courses, and be within one course of completing the 90 credit (major, minor, and elective) portion of the course prescription.

If a student passes the qualifying examination with one outstanding incomplete course, this course must be completed before submission of the Nomination to Candidacy Form.

All 90 course prescription credits must be no older than 7 years on the date of the qualifying examination. Any course on the course prescription, which is older than 7 years on this date must receive revalidation approval before a student will be able to sit for the qualifying examination.

6. Each member of the advisory committee is informed by e-mail by the graduate recorder of the scheduled oral examination once a room is scheduled.
7. The chair of the advisory committee works with all committee members to prepare the content of the written components of the exam.
8. If the written portion of the exam contains activities that are taken in a proctored format, the chair is responsible for securing the space for such activities and ensuring that an appropriate proctor has been identified.
9. The chair of the advisory committee ensures that the student is provided with details as to the criteria by which the written exam will be evaluated.
10. The chair of the advisory committee provides the exam to the student and submits a copy via email to the School of Public Health-Bloomington Dean's Office.
11. The written portion of the qualifying examination takes place.
12. The student submits the written portion of the examination to the chair of the advisory committee, who subsequently forwards the responses to the committee members by e-mail, with a copy to the School of Public Health-Bloomington Dean's Office.
13. Subsequent to receiving the responses to the written portion of the examination, the advisory committee may choose to request revisions that must be completed prior to the scheduled oral portion of the examination.
14. The oral portion of the qualifying examination must take place within 90 days following the date that the written examination is initially started by the student. Permission to exceed 90 days between the start of the written and oral portions of the examination must be obtained from the associate dean for research and graduate studies.
15. If a student passes the qualifying examination, a notification will be sent by the graduate recorder to the student with instructions for the student to visit a

link to the University Graduate School's Nomination to Candidacy approval workflow, and initiate the approval process.

16. In the event of a failure of the qualifying examination, a letter will be sent, notifying the student of the failure and the opportunity for one more attempt to pass the examination.
17. In the event of a failure on the first attempt, the student and committee will reinstate the process for the doctoral qualifying examination as described beginning with item #2 above.
18. In the event of a second failure, the student will be notified of formal dismissal from the doctoral program. No future registrations will be permitted through the School of Public Health-Bloomington.

Epidemiology & Biostatistics Students:

The qualifying examination covers the fundamentals of the fields in which specialization has been elected. Information below includes a step-by-step description of procedures for the doctoral qualifying examination for students in EBIO.

The doctoral qualifying examination is held once per year at a time determined by the department. If revisions are required, they must be completed and graded before 90 days from the start of the examination.

[Important note: The date on which a student's Ph.D. degree is awarded must be at least eight months after the passing date of the qualifying examination.]

Doctoral Qualifying Examination Procedures

1. The department will communicate with students the time and format of the qualifying exam. This exam is offered once per year.
2. A student must submit the Application for Doctoral Qualifying Examination Form to the chair of the student's advisory committee so that the chair can submit it to graduate recorder in the School of Public Health-Bloomington Records Office at least thirty (30) calendar days before the beginning of the examination. The form is available online at one.iu.edu/task/iub/current-sph-students
3. The application must include a Memo of Understanding (MOU) which must include the following:
 - Specific details of product(s) that make up the student's qualifying exam, details provided by the department
 - Specific time frame of the examination (not to exceed 90 days), which includes:
 - Examination date(s)
 - Grading due date
 - Revision due date
 - Revision grading due date
 - Specific details of the grading scheme:
 - The initial submission(s) will be awarded one of the following grades: pass/fail/ revisions required
 - Revisions will be graded pass/fail

1. The School of Public Health-Bloomington graduate recorder determines eligibility of the applicant to sit for the examination.

Epidemiology students who have been admitted to a Ph.D. degree program pending completion of a master's or equivalent degree are expected to have completed this degree before taking the qualifying examination. If this applies, students must provide the assistant director of graduate degree administration with a transcript showing completion of this degree before the student may take the doctoral qualifying examination.

To sit for the examination, a student must have completed the major courses on their course prescription.

If a student passes the qualifying examination with courses remaining on their course prescription, those courses must be completed before submission of the Nomination to Candidacy Form.

All 90 course prescription credits must be no older than 7 years on the date of the qualifying examination. Any course on the course prescription, which is older than 7 years on this date must receive revalidation approval before a student will be able to sit for the qualifying examination.

1. The examination is set by the department, and the department will secure the space for such activities and ensure that an appropriate proctor has been identified.
2. The student completes the examination as set by the department.
3. Subsequent to the first round of grading, the department may choose to request revisions that must be completed and graded within 90 days following the written exam.
4. If a student passes the qualifying examination, a notification will be sent by the graduate recorder to the student with instructions for the student to visit a link to the University Graduate School's Nomination to Candidacy approval workflow and initiate the approval process.
5. In the event of a failure of the qualifying examination, a letter will be sent, notifying the student of the failure and the opportunity for one more attempt to pass the examination.
6. In the event of a failure on the first attempt, the student and committee will reinstate the process for the doctoral qualifying examination as described beginning with item #1 above.
7. In the event of a second failure, the student will be notified of formal dismissal from the doctoral program. No future registrations will be permitted through the School of Public Health-Bloomington.

Enrollment after the Qualifying Examination and Off-Campus Enrollment

After passing the qualifying examinations, a doctoral student must enroll each semester for dissertation or research credit at the regular fee until graduation. If the required number of dissertation credits is reached before

the dissertation is completed, the candidate must continue to enroll for dissertation or research credits or SPH-G 901 (a 6-credit hour course with a flat fee).

Enrollment during summer sessions is not required unless the degree is to be awarded during a summer session. Candidates must be enrolled during the semester (including summer) during which the degree is awarded.

Notes about SPH-G 901: Permission is required to enroll in G901 during the summer and will only be considered for students who will be graduating during the summer. Registration in SPH-G 901 is restricted to six semesters.

Off-Campus Enrollment

Doctoral candidates who are off campus and wish to enroll must contact the graduate recorder in the School of Public Health-Bloomington records office, room 123, for registration authorization. Students will be billed by the bursar for the appropriate tuition and fees.

Final Dissertation Defense

The student defends the dissertation in a meeting with the student's research committee. It is a public meeting, open to students and faculty. The student should confer with the research committee chair regarding expectations. The dissertation defense may not take place less than six months following University Graduate School approval of the candidate's Nomination of Research Committee for the Ph.D. Degree Form.

Complete the following steps in preparation for the dissertation defense meeting:

1. **Select a meeting date and time.** - The doctoral candidate and the research committee agree on a date and time for the student's dissertation defense meeting.
2. **Student completes and submits an SPH Dissertation Defense Eligibility Verification Form.** - The form is available at <https://one.iu.edu/task/iub/current-sph-students>. This form must be submitted **a minimum of forty (40) calendar days in advance** of the proposed defense meeting date.
3. **Student receives an email message.** - After Degree Administration staff verifies the student's eligibility and a meeting room has been booked (for in-person defenses), the student will receive an email message confirming the meeting date, time, and location. The email message will also include detailed instructions for submitting the PhD Defense Announcement eDoc, found within the University Graduate School Task Center, located at <https://one.iu.edu/collection/iub/university-graduate-school>.
4. **Student completes the PhD Defense Announcement eDoc with the University Graduate School.** - At least 35 days in advance of the proposed meeting date, the student must initiate a request to post an announcement of the defense meeting.

The form ("PhD Defense Announcement") may be found within the University Graduate School Task Center, located at this link: <https://one.iu.edu/collection/iub/university-graduate-school>. The student must complete, save, and submit this eDoc. A successfully submitted eDoc will route to the School of Public Health -

Bloomington recorder, the student's research committee chair, and finally to the University Graduate School for final approval.

5. University Graduate School approves the request to post the defense announcement. - Step four must be completed, resulting in the form routing to the University Graduate School at least thirty days in advance of the proposed meeting date, or the request will be denied. If the request is denied, a new request form would have to be completed and submitted by the student. Following University Graduate School approval of the PhD Defense Announcement eDoc, an announcement of the student's dissertation defense meeting will be posted on the website of the University Graduate School.

6. Student submits a draft of the dissertation to the research committee. - At least four weeks before the defense meeting date, the student must submit a draft of the dissertation to the committee to examine before the final defense meeting takes place.

The time frames for submission of the defense meeting request and announcement are enforced to ensure that the defense announcement is posted well in advance of the defense meeting date. This is a University Graduate School requirement. Failure to meet these deadlines will delay the scheduling of the final defense meeting.

Following the defense meeting, the research committee chair will report the outcome to the School of Public Health-Bloomington recorder. The chair will also assign a letter grade to the dissertation credits on the student's transcript.

Human and Animal Subjects

Indiana University requires that all research using human subjects be approved before the research begins. This requirement ensures protection of the rights and welfare of persons used in research. It also satisfies a number of federal, state, and institutional regulations. If a research project involves human subjects, no data may be collected until documentation of clearance for the use of human subjects has been obtained. No thesis or dissertation will be accepted for which such clearance has not been obtained. Forms and procedures for this purpose are available at research.iu.edu/compliance/human-subjects/index.html.

If human subjects are to be used in research, an approved clearance form for the use of human subjects must be obtained and submitted as part of the process of nomination of the students research committee members. The research proposal meeting may take place either before or after human subjects clearance has been obtained.

Frequently Asked Questions:

Question: My research project will involve a collection of data from human or animal subjects. How do I obtain approval for my project?

Answer: Visit research.iu.edu/compliance/human-subjects/index.html and follow the directions to obtain approval for your use of human subjects.

Doctoral Students

- Doctoral Degrees Offered

- Doctoral Degree Progress Sequence
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- Doctoral Advisory Committee
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- Doctoral Qualifying Examination Procedures
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- Admission to Candidacy
- Formation of Dissertation Research Committee
- Nomination of Research Committee approval by UGS (submit NORC eDoc via UGS)
- Dissertation Proposal Meeting with Research Committee
- IRB Approval (Human and Animal Subjects)
- Begin Dissertation Research
- Dissertation Completion Within Seven Years
- Application for Graduation
- Final Dissertation Defense
- Dissertation Submission and Publication

Prerequisites

Although most applicants for the Ph.D. have backgrounds in appropriately related fields, the possession of degrees in these fields is not a prerequisite to admission.

However, applicants with deficiencies in their academic background will be required to take specific courses as prerequisites (or co-requisites) to degree course work.

Deficiencies in academic background will be evaluated by the doctoral advisory committee and remedial course work prescribed. In general, such remedial work cannot be counted toward the credit hours required for the degree.

The following Ph.D. majors require that a prospective applicant hold both a bachelor's and master's degree:

- Epidemiology
- Environmental Health
- Health Behavior
- Leisure Behavior
- Nutrition

The follow Ph.D. majors require that a prospective applicant hold a bachelor's degree:

- Biostatistics
- Human Performance

Revalidation of Courses

Normally, a course may not be counted toward degree requirements if it has been completed more than seven (7) years prior to the passing of the qualifying examination for Ph.D. students

The doctoral advisory committee, may, however, recommend to the executive associate dean that coursework taken prior to the above deadline be revalidated, if it can be demonstrated that the knowledge contained in the course(s) remains current. Currency of knowledge may be demonstrated by such things as:

- Passing an examination specifically on the material covered by the course

- Passing a more advanced course in the same subject area
- Passing a comprehensive examination in which the student demonstrates substantial knowledge of the content of the course; if the qualifying examination is used for the purpose of revalidation, the number of courses to be revalidated by this method should be limited to two (2) to avoid compromising the integrity of the qualifying examination process.
- Teaching a comparable course
- Publishing scholarly research demonstrating substantial knowledge of the content and fundamental principles of the course
- Documented professional experience

Procedure for revalidation of courses:

- Course revalidation is approved via the student's advisory committee chair, SPH-B assistant dean of graduate education, and the Graduate School of IU Bloomington via the "Request for Revalidation of Coursework" eDoc: <https://one.iu.edu/task/iupui/request-for-revalidation-of-coursework>
- Each course being considered for revalidation should be justified separately, even if the same revalidation method is being used to explain currency of knowledge in multiple courses.
- Students must provide a specific and detailed explanation in each "Means of Revalidation" box in the eDoc, as to how each revalidation method has kept them current in the knowledge of the specific course being addressed. Failure to provide a specific and detailed explanation may lead to disapproval of this form.
- Students who cite professional experience or publications as a revalidation method must attach an up-to-date Curriculum Vitae (CV) in the "Documentation" section of the eDoc. It is not necessary to attach each individual published paper as they should be listed in the student's CV.

Transfer of Credit

With the approval of a doctoral student's advisory committee chair and the assistant dean of graduate studies, graduate-level academic credit from another institution may be transferred for use in a School of Public Health-Bloomington doctoral degree.

An official transcript from the registrar's office of the academic institution where the course work was completed must be on file in the School of Public Health-Bloomington records office. A copy of this transcript should accompany the request through its approval stages. It must be an official transcript, meaning it's sent directly from the issuing institution to the School of Public Health admissions team or graduate records administrator.

The form to begin this process is located at <https://one.iu.edu/task/iub/current-sph-students>: press "Start," and select the "Forms" link.

Stipulations for transferability are as follows:

- A **maximum** 30 credits of transferred graduate-level coursework obtained either at a previously attended institution (or obtained via a completed Master's

degree obtained at an Indiana University campus), may be counted towards the PhD Degree.

- Allowance of transfer credits used towards the PhD degree are subject to approval from the doctoral advisory committee and the assistant dean of graduate studies.
- Courses which counted towards the requirements of any type of doctoral or terminal degree (for example a DVM, MD, JD, PhD, D.Phil, Ed.D, or any other type doctoral degree) are completely ineligible for transfer, and are not allowable for use towards the PhD degree. This is a University Graduate School policy and there are no exceptions for this stipulation.
 - A student could theoretically transfer coursework from another institution which was taken under a doctoral degree program, but only if that doctoral degree was never completed or certified, and never will be.
- For Ph.D. degrees, coursework completed more than seven (7) years before successful completion of the qualifying examination must be revalidated via the Course Revalidation procedure in order to be approved and transferred. Authorization of revalidation methods are subject to approval by the SPH-B assistant dean of graduate studies, and the University Graduate School. Please see the SPH-B Academic Bulletin section on Course Revalidation methods and procedures for specific details.
- A minimum grade of B is required in each course to be transferred. A course with a grade of B-minus may not be transferred for use in any graduate degree.
- Grades of Pass (P) or Satisfactory (S) cannot be accepted unless there is official documentation from the transferring institution to verify that these grades are equivalent to at least a B on a graduate grading scale. It is the student's responsibility to obtain the required verification from an appropriate source, such as the professor of the course, the Registrar's Office of the institution where the course was completed, or an administrator of the institution. The verification must be on official university letterhead and come directly from a university official.
- No credit can be transferred for a course that cannot be officially documented as carrying graduate-level credit.
- The cumulative grade point average (GPA) for students in the School of Public Health-Bloomington is calculated using only Indiana University graded course work. Credits and grades in work transferred from other institutions are not used in the calculation of a student's Indiana University GPA.

Nomination of Doctoral Research Committee Approval by GSB

Nomination of Doctoral Research Committee Approval by UGS (via submission of NORC eDoc via UGS to be initiated by student after formation of Research Committee):

When the student has formed their Research Committee, they shall submit a Nomination of Research [Committee](#)

(NORC) eDoc, found at this link: one.iu.edu/task/iub/phd-nomination-of-research-committee.

A summary of the proposed dissertation (as a prospectus) must be attached to the eDoc prior to submitting it.

IRB approval (if the research involves human or animal subjects), **if already obtained**, may also be attached to the eDoc. IU Bloomington Research Compliance information is available at research.iu.edu/compliance/human-subjects/index.html. It is the student's responsibility to ensure that their research is in compliance with IU's Research Compliance requirements, and **research must not begin** until compliance is verified by the IRB.

The student will become eligible to defend their dissertation **six (6) months** after the approval of the Nomination of Research Committee eDoc.

- If a change in the committee membership should become necessary *after* the approval of the NORC eDoc, the student shall submit a Ph.D. Research Committee Change eDoc, found at one.iu.edu/task/iub/phd-research-committee-change.
- The membership change approval **does not** reset the six (6) month clock on when a student may defend following NORC approval.
- Students must maintain **the minimum of four (4) IU graduate faculty members**, with two members having endorsed status, if they make changes to their research committee.

Graduate Non-degree Enrollment

The School of Public Health-Bloomington welcomes non-degree graduate students to select and complete courses related to their academic fields of interest. The faculty does, however, reserve the right to limit enrollment in courses, required for our degrees, to students who have been admitted to those programs. Furthermore, **no more than 9 credits, taken as a non-degree graduate student, before formal admission to a School of Public Health-Bloomington graduate-level program, may be used to satisfy requirements for a School of Public Health-Bloomington graduate-level degree.**

Non-degree graduate students who intend to earn a School of Public Health-Bloomington graduate-level degree are strongly encouraged to meet with a designated faculty advisor for the desired degree program. This faculty member should be from the department in which the selected course resides.

For additional information about application deadlines and requirements for graduate non-degree students, please email sphgrad@iu.edu.

Academic Integrity

Indiana University may discipline a student for academic misconduct, which is defined as any activity which tends to undermine the academic integrity of the institution. Academic misconduct includes, but is not limited to: cheating, fabrication, plagiarism, interference, violation of course rules, facilitating academic dishonesty.

Frequently Asked Questions:

Question: What happens if I get caught cheating?

Answer: If you are caught cheating, your course instructor is obligated to report the incident to the Dean of Students. Academic sanctions vary according to the type of offense.

Question: Will I be penalized if I assist a cheater?

Answer: Yes. Participation in the incident constitutes academic dishonesty.

Question: How do I avoid plagiarism?

Answer: Many composition assignments require students to use reference materials written by others. It is important, when using references to avoid copying text unless you attribute it to the author with a footnote. Instructors commonly use turnitin.com to check student submissions for plagiarism. Students may use this service to check their text prior to submission.

Advising and Registration

Each student will be assigned an academic advisor. The program of each candidate must be planned cooperatively by the student and the advisor, taking into account the student's educational background and objectives. All phases of the student's program are subject to the approval of the advisor. All graduate students are required to meet with their advisor before registering for classes each term. During each of these meetings, a student and advisor identify the courses in which the student will enroll for the following term. The resulting semester schedule is recorded by the advisor either in the student information system's AdRx advising contacts system, or on a paper Academic Advisor Registration Approval Form, and signed by the advisor. If the advising record is saved online, the advisor will contact the School of Public Health-Bloomington Records Office and the student will be given clearance to register. If the paper form is utilized, the student must submit the signed form to the Records Office in SPH 123 to receive clearance to register. Paper copies of the Advisor Registration Approval Form may be picked up in SPH 123, or the form may be downloaded at one.iu.edu/task/iub/current-sph-students. (Additional registration information is available in the Enrollment and Student Academic Information Bulletin.)

Advising Tools

Doctoral students have course work prescribed for them by a faculty committee, chaired by the student's academic advisor. The student's advisor will direct the student to complete the prescribed courses in the proper order. For master's degree programs, the advisor and student follow a prescribed, faculty-approved curriculum. The advisor will direct the student's sequence of required course completion and elective choices according to the student's academic interests and professional goals.

Master's degree students may view personalized, online, academic advisement reports (AARs) at one.iu.edu/task/iu/degree-progress-report. These reports assist students in understanding which academic degree requirements have been completed, and which requirements have not.

The requirements for each master's degree program are listed on an individual Course Requirement Summary, available at one.iu.edu/task/iub/current-sph-students. The Course Requirement Summary for each academic program specifies requirements including total credit hours needed for completion of the degree, courses to be taken,

GPA requirements, and suggested electives. The Course Requirement Summary is used by students and their academic advisors to guide the selection of courses and monitor progress. Adhering to the requirements specified on the Course Requirement Summary is the student's responsibility.

Frequently Asked Questions:

Question: How will I know what classes I need to take to complete my degree?

Answer: We provide many tools that help students understand their degree requirements, including this online bulletin. Online academic advising reports exist for master's students. Master's degree program [tab sheets](#) summarize master's degree requirements in an easy-to-read format. Doctoral students have their required courses prescribed for them on an approved course prescription form. Academic requirements are thoroughly disclosed in the school academic bulletin. In addition, we provide each graduate student with an academic advisor to guide the student along the path to a degree.

Question: If I know which classes I need to complete my degree, do I still need an academic advisor's approval to register?

Answer: Yes. It is important that your academic advisor approves your class schedule for each term. Academic advisors are familiar with proper course sequencing and course availability schedules. While you are responsible for completing the requirements for your degree, we guide you in the right direction, and help you avoid errors which could unnecessarily cost you time and effort.

Graduation: Degree Application

All students must complete and submit an application to graduate. Applications to graduate must be submitted at least six months before the desired graduation date. Failure to submit an application at least six months early may delay graduation and prevent the student's name from being entered in the graduation ceremony program.

Master's degree students receive their degrees from the School of Public Health-Bloomington, and must therefore apply for graduation at sph.indiana.edu/forms/student/graduation-application/application.html.

Ph.D. degree students receive their degrees from the University Graduate School, and must therefore visit graduate.indiana.edu/academics-research/graduation.shtml, and scroll down to the section "Ph.D. Students" to view instructions regarding completion steps for the degree, including the application to participate in the Commencement Ceremony.

Master's degrees are conferred in May, June, July, and December. Ph.D. degrees are conferred every month. Graduation commencement ceremonies take place in May and December. Students graduating between January and August may attend the May ceremony. Students graduating between September and December may attend the December ceremony.

Frequently Asked Questions:

Question: How do I make sure my name will appear in the University's graduation commencement program?

Answer: To make sure your name appears in the University's graduation commencement program, you

should complete and submit the application for graduation at least six months before your desired graduation date. The university creates the program for each graduation commencement ceremony. For the May graduation commencement program, February 25 is the last day on which a student's name may be added to the commencement program. For the December graduation commencement program, May 1 is the last day on which a student's name may be added to the commencement program.

Question: I am a graduate student planning to complete the requirements for my degree in the near future, but not planning to attend the graduation commencement ceremony. Do I still need to apply to graduate?

Answer: Yes. All graduate degree-seeking students must apply for graduation, whether or not they plan to attend the university's Commencement ceremony. The graduation application is the only means of letting the graduate recorder know the student plans to complete the degree. This cues the recorder to audit a student's progress toward satisfaction of all degree requirements for a specific degree certification date. If you do not tell the recorder when you want to graduate, nothing happens.

Course Load Requirements for Employment, SEVIS, and Full-Time Study

SEVIS

The U.S. Immigration and Naturalization Service (INS) has created the Student and Exchange Visitor Information System (SEVIS) to maintain current information on nonimmigrant students, exchange visitors, and their dependents (i.e., all those with F or J visa status). Students monitored by SEVIS must maintain full-time enrollment during fall and spring semesters (at least 8 credits for graduate students, or 6 credits for graduate students with associate instructorships or graduate assistantships). For more information about SEVIS, please visit ois.iu.edu/visas/student-visas/index.html.

Employment

Persons who are employed full time should carry only 5 to 6 credit hours of graduate course work per semester. Those employed half time should not take more than 9 credit hours. The maximum credit load for associate instructors, research assistants, and graduate assistants depends on the number of credit hours indicated in the work assignment notice sent at the time of the appointment.

Full-Time Study

Graduate students are considered to be enrolled full-time with a minimum of 8 credits. Graduate students with an assistantship are considered to be enrolled full-time with a minimum of 6 credits. To have an assistantship, graduate students must be enrolled in a minimum of 6 credits. Individual student loan sources must be contacted to determine the minimum number and type of credits in which students must be enrolled to defer student loan repayment.

Frequently asked Question:

Question: I only have one 3-credit class to complete next semester for my degree, but I have an assistantship and I want to keep that job. Do I have to enroll in extra credits that I don't need just to be able to keep my assistantship?

Answer: Yes, unless the Office of Student Financial Assistance (OSFA) will agree to accept a letter, explaining your situation. If the OSFA accepts a letter of explanation, it is possible that they may waive this requirement and allow you to keep your assistantship with fewer than six credits of enrollment. The letter of explanation must come from the School of Public Health-Bloomington Dean's Office. The administrative secretary for academic affairs usually produces such letters.

Exceptions to Academic Policies and Requirements

An exception to an academic requirement or policy may be approved by the executive associate dean for a School of Public Health-Bloomington graduate student. Exceptions are only considered under very unusual circumstances, which are not under the student's control.

The Course Substitution Request Form is available at one.iu.edu/task/iub/current-sph-students. The student's academic advisor must complete and sign the form, which is submitted to the School of Public Health-Bloomington graduate recorder in SPH 123.

A request for an exception or waiver for a non-course requirement or academic policy must come in the form of a memo addressed to the executive associate dean. The memo must be sent by the student's academic advisor. This memo should be sent by email or campus mail to the School of Public Health-Bloomington graduate recorder in SPH 123.

The chair of a doctoral student's advisory committee may request course substitutions for up to nine credits of courses required on the student's course prescription form. The Course Substitution Request Form may be used for this purpose. If the number of requested credits to be substituted exceeds nine credits, the full advisory committee must provide approval signatures on a form requesting substituted credits in excess of nine. The form for this purpose is entitled, Amendment to Doctoral Course Prescription Request Form. This form is also online at one.iu.edu/task/iub/current-sph-students.

Frequently Asked Questions:

Question: If I have already completed a course which is equivalent to a required course, can I substitute that course for the required course?

Answer: Yes, as long as your academic advisor agrees that the course to be substituted satisfies the requirement. In such a case, complete the online substitution form and have your advisor sign it. Then deliver it the School of Public Health-Bloomington graduate recorder in SPH 123.

Question: If I have secured a position at another institution, can exceptions to timelines and deadlines be considered?

Answer: The student's academic advisor should send an email message to the graduate recorder. The message should explain the situation and specifically request the exception. It should be noted that exceptions will only be considered if the circumstances interfering with adherence to the policy are beyond the student's control.

Question: I have everything ready for my graduate student meeting (course prescription/proposal/defense). I do not understand why I have to wait a few weeks to have my meeting. Can I have it sooner?

Answer: No. The advance notice is required for several reasons. Students must become aware of the required lead time for each kind of meeting and request meetings accordingly.

Graduate-Level Credit

Only credit in graduate-level courses may be applied toward completion of a graduate academic program in the School of Public Health-Bloomington. Credit earned in courses below the 500 level may not be used in such programs with the following exception:

- A graduate-level course with a course number below 500, which is transferred from another institution of higher learning, may count for credit in School of Public Health-Bloomington graduate programs if the official transcript from the institution offering the course identifies the course as a graduate-level course.

Credit for SLST-S 501 and other SLST credit used for English language improvement may not count toward completion of any academic program in the School of Public Health-Bloomington.

Graduate Student Research and Human Subjects

Indiana University requires that all research using human subjects be approved before the research begins. This requirement satisfies a number of federal, state, and institutional regulations, and more importantly—ensures protection of the rights and welfare of persons used in research. Every research proposal submitted by a student and/or faculty member must contain documentation that clearance has been obtained for the use of human subjects. No thesis or dissertation will be accepted for which such clearance has not been obtained. Forms and procedures for this purpose are available online at research.iu.edu/compliance/human-subjects/index.html.

Grade Appeal

The following procedures exist for a student who believes that a grade earned in a School of Public Health-Bloomington course is unfair:

- The student must first attempt to resolve the dispute with the course instructor of record.
- If a resolution cannot be reached between the student and instructor, the student then must complete and submit a formal appeal to the department which offers the course, using the Grade Appeal Application Form. The Grade Appeal Application Form may be found at: one.iu.edu/task/iub/current-sph-students. In addition, all supporting documentation must be included with the form. This packet must be submitted to the departmental office, addressed to the authority who deals with departmental grade appeals. The departmental addresses and grade-appeal authority in each department are as follows:
 - Applied Health Science (PH 116) – Assistant Chair
 - Environmental Health (PH C033) – Director of Undergraduate Education
 - Epidemiology and Biostatistics (PH C036) – Assistant Chair

- Kinesiology (PH 112) – Director of Undergraduate Education
- Health & Wellness Design (PH 133) – Associate Chair for Instruction and Undergraduate Studies
- The formal complaint will be considered by the departmental authority within fourteen (14) working days, during which time departmental authority may request additional information from both the student and instructor. The departmental authority will serve as a mediator between the student and instructor.
- If the issue is not resolved to the student's satisfaction, the student may appeal the outcome to the School of Public Health Academic Fairness Committee. This request is to be made in writing and submitted to the Office of the Executive Associate Dean of the School of Public Health (PH 111), addressed to the Academic Fairness Committee.
- The Academic Fairness Committee will study the documentation and conduct a hearing on the case within fourteen (14) days, at which both the student and instructor will be present. The decision of the committee will be the determination of the case at the school level.

Appeals of grades should be made as soon as possible after the end of the semester. Requests for consideration of an appeal must occur within one calendar year from the end of the term in which the course was taken. Requests after this time limit will not be considered.

Grade of Incomplete

A grade of I (Incomplete) is given only when the work of the course is substantially completed and when the student's work is of passing quality. The student's instructor determines the requirements and time frame for completion of the course.

The maximum time allowed by the university for completion of the course is one year from the date on which the grade of I was recorded. Only upon appeal to the executive associate dean is an extension of an incomplete possible. If the student fails to remove the incomplete within the time allowed, the Office of the Registrar will change the grade from an I to an F.

Students should not register for a course in which they have a previous grade of I. Instead the student must work with the original course instructor to complete the work, at which time the instructor changes the grade of I to the grade the student earns.

Once a student has graduated, an incomplete may remain on the official record.

These regulations do not apply to research and reading courses in which completion of the course work is not necessarily required at the end of the semester. Incomplete work in these courses will be denoted by a grade of R (deferred grade). A grade of R (Deferred) indicates that the nature of the course is such that the work of the student can be evaluated only after two or more terms.

Grades and Academic Standing

Grades

Quality points are assigned for purposes of determining the cumulative grade point average (GPA) as follows: A+ or A = 4 credit points; A- = 3.7; B+ = 3.3; B = 3.0; B- = 2.7; C+ = 2.3; C = 2.0; C- = 1.7; D+ = 1.3; D = 1.0; D- = 0.7; F = 0. No points are assigned for grades of I (Incomplete), S (Satisfactory), P (Pass), or W (Withdrawal).

Minimum Required Grades

Courses with grades below C do not count toward degree requirements for doctoral degrees or master's degrees. However, all grades earned in courses taken for graduate credit are included in the calculation of the grade point average.

Course Repeat

In the event that a student earns a course grade that does not satisfy degree program requirements, the student shall be permitted to repeat the course. All course attempts will be counted towards the student's GPA. There may be cases in which the faculty advisor determines that a course should not be repeated (such as student-faculty conflict); such cases will be managed on an individual basis.

Academic Standing

All graduate students are expected to maintain an overall GPA of at least 3.0. Students whose averages fall below this level will be placed on probation. Master's degree students who have failed to achieve a GPA of at least 3.0 by the time the credit hour requirements for the degree have been completed will be denied further enrollment. Doctoral students who lack the required minimum average will not be permitted to take the qualifying examinations.

Graduate (all graduate students)

- Academic Integrity
- Advising and Registration
- Course Load Requirements for Employment, SEVIS, and Full-Time Study
- Exceptions to Academic Policies and Requirements
- Grades and Academic Standing
- Grade Appeal
- Grade of Incomplete
- Graduate-Level Credit
- Graduate Non-degree Enrollment
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- Graduation: Degree Application
- Joint Graduate Degrees
- Pass/Fail Option
- Required Graduate Student Meetings
- Residence Requirement
- Restrictions on Independent Study
- Revalidation of Courses
- Schedule Adjustment: Withdrawal from Courses
- Teacher Certification
- Time Limitations and Academic Deadlines
- Transfer of Credit

Joint Graduate Degrees

The faculty directors of two different degree programs may agree on an economical combination of academic requirements which benefits a student who is earning both degrees simultaneously. The faculty-directors of the

Master of Public Health (M.P.H.) degree program in the School of Public Health-Bloomington have entered into joint degree agreements with the faculty directors of four degree programs in other schools. The four resulting joint degree programs are described as follows:

(M.P.H.) / Juris Doctor degree (J.D.)

The faculty of the Maurer School of Law has agreed to reduce the minimum total number of credits required for the Juris Doctor (J.D.) degree from 88 to 79 for a student who has earned an M.P.H. degree from the School of Public Health-Bloomington in any of the five available majors.

(M.P.H.) in Behavioral, Social, and Community Health / Master of Arts degree (M.A.) in African Studies

The faculty directors of both degree programs agreed to allow sharing of electives, which reduces the total number of credits required to earn both degrees. For information about specific requirements for this joint degree program, please contact the faculty advisors for each program.

(M.P.H.) in Behavioral, Social, and Community Health / Master of Arts degree (M.A.) in Latin American and Caribbean Studies

The faculty directors of both degree programs agreed to allow sharing of electives, which reduces the total number of credits required to earn both degrees. For information about specific requirements for this joint degree program, please contact the faculty advisors for each program.

(M.P.H.) in Behavioral, Social, and Community Health / Master of Arts degree (M.A.) in Russian and East European Studies

The faculty directors of both degree programs agreed to allow sharing of electives, which reduces the total number of credits required to earn both degrees. For information about specific requirements for this joint degree program, please contact the faculty advisors for each program.

Pass/Fail Option

Coursework that is prerequisite to a degree program or that is to be counted toward the total credits required for a graduate-level degree may not be taken on a Pass/Fail basis. With the written consent of the student's advisor and the executive associate dean, permission may be given to take other coursework under this option.

Required Graduate Student Meetings

The graduate student is expected to meet regularly with advisory and/or research committees for academic and research advising. In addition to these informal meetings, the following official meetings are required for each of the graduate degrees:

Master's thesis option students:

- Proposal meeting
- Thesis defense

Doctoral students:

- Course prescription meeting
- Qualifying examination
- Proposal meeting
- Dissertation defense

The proposal meeting and the thesis/dissertation defense are public meetings, open to the academic community.

Those attending these meetings are expected to follow the established protocol. The proposal meeting is open to faculty and students in the university community. During the first portion, the student formally presents the research proposal in an open forum. Committee members and visitors have the opportunity to ask questions. Visitors leave after the formal presentation. The remaining time is determined by the student's research committee.

Students may schedule the meetings described above by completing and submitting the appropriate form to request the desired meeting. Forms to request these meetings are available at <https://one.iu.edu/task/iub/current-sph-students>. Students must carefully follow the directions on these forms. Paper copies of these forms are available in SPH 123.

Residence Requirement

Residence Requirement

Students in the Ph.D. degree program must spend two consecutive semesters during one academic year in-person on the Bloomington campus, taking a full-time load of course work.

Full-time enrollment is 8 credit hours per semester for graduate students who are not full-time graduate assistants, research assistants, and associate instructors.

For full-time graduate assistants, research assistants, and associate instructors, 6 credit hours constitute a full-time course load.

A period of full-time residence is not required for students in master's degree programs. However, master's degree students must take a minimum of 25–30 of the required 35–47 credit hours at Indiana University.

Work Done at More Than One Indiana University Campus

Students who plan to earn a degree through a degree-granting unit on one Indiana University campus and who plan to take a substantial number of hours on one or more of the other Indiana University campuses in partial fulfillment of degree requirements should have their programs of study approved in advance by the degree-granting unit. The residency requirement must be met on the campus where the degree-granting unit is located.

Restrictions on Independent Study

Students whose cumulative GPA is lower than 3.0 are not permitted to register for the following independent study research and readings courses, internships and practicums:

- Applied Health Science: SPH-B 691, SPH-B 692, SPH-B 696, SPH-B 784, SPH-B 794, SPH-F 597, SPH-F 691, SPH-F 692, SPH-F 696, SPH-F 697, SPH-H 653, SPH-H 681, SPH-H 682, SPH-H 685, SPH-H 696, SPH-H 697, SPH-H 750, SPH-H 764, SPH-H 791, SPH-H 792, SPH-N 691, SPH-N 692, SPH-P 696, SPH-S 691, SPH-S 692, SPH-S 695, SPH-S 697, SPH-S 784, SPH-S 794
- Environmental Health: SPH-V 691, SPH-V 692, SPH-V 696
- Epidemiology and Biostatistics: SPH-E 691, SPH-E 692, SPH-E 696, SPH-Q 696

- Kinesiology: SPH-A 695, SPH-K 607, SPH-K 691, SPH-K 693, SPH-K 695, SPH-K 696, SPH-K 697, SPH-K 791, SPH-K 792, SPH-M 677, SPH-M 687
- Health & Wellness Design: SPH-R 691, SPH-R 693, SPH-R 697, SPH-R 791, SPH-R 792

Revalidation of Courses

Master's Degree Course Revalidation

Course work completed more than seven years before the starting date of student's master's degree program-entry semester may not be used to satisfy the program's course requirements unless the student has remained current in the course subject matter. The student's graduate advisor may recommend to the executive associate dean that course work taken before the seven year time limit be revalidated if it can be demonstrated that the knowledge contained in the course(s) remains current. Currency of knowledge may be demonstrated by such accomplishments as: (a) passing an examination specifically on the material covered by the course; (b) passing a more advanced course in the same subject area; (c) passing a comprehensive examination in which the student demonstrates substantial knowledge of the content of the course; (d) teaching a comparable course; (e) publishing scholarly research demonstrating fundamental principles of the course; or (f) demonstrating currency of course subject matter through work experience within seven years of matriculation. Each course for which consideration for revalidation is being requested should be justified separately in a document presented to the executive associate dean for approval.

Ph.D. Degree Course Revalidation

For Ph.D. degrees, course work completed more than seven years before successful completion of the qualifying examination is not applicable to the program unless the student has remained current in the course subject matter. The graduate advisor, after consultation with the advisory committee, may recommend to the executive associate dean that a maximum of 30 credit hours of course work taken before the seven-year time limit be revalidated if it can be demonstrated that the knowledge contained in the course(s) remains current. Currency of knowledge may be demonstrated by such accomplishments as (a) passing an examination specifically on the material covered by the course; (b) passing a more advanced course in the same subject area; (c) passing a comprehensive examination in which the student demonstrates substantial knowledge of the content of the course; (d) teaching a comparable course; or (e) publishing scholarly research demonstrating fundamental principles of the course. Each course for which consideration for revalidation is being requested should be justified separately.

Teacher Certification

Students who wish to teach in Indiana public schools must meet the minimum state licensing requirements and obtain a standard license. More information is available from the certification office in the School of Education, Indiana University, Education 1074, 201 N. Rose Avenue, Bloomington, IN 47405-1006; phone (812) 856-8511.

Time Limitations and Academic Deadlines

Students are responsible for knowing the following time limits and academic deadlines.

- **Maximum Time Span Between Admission and Initial Registration** Initial registration in classes must occur within one year from the first day of classes of the term for the applicant initially applied. Applicants who surpass the one year maximum must reapply if admission is desired.
- **Maximum Time Span Between Initial Enrollment and Master's Degree Completion** All requirements for a master's degree must be completed within six calendar years after initial enrollment in course work.
- **Maximum Time Span Between Initial Registration and Completion of All Courses and the Qualifying Examination** A student registered in a doctoral program must satisfactorily complete all course work and the qualifying examination within five years after the date of initial registration.
- **Maximum Time Span Between Passing the Qualifying the Examination and Dissertation Submission** The time limit for completion of the doctoral dissertation (including the dissertation defense and submission of the dissertation) is seven years from the date of passing the qualifying examination. Requalifying for candidacy is required if the dissertation is not completed within the seven-year period. Failure to meet this requirement will result in the termination of candidacy and of the student's enrollment in the degree program. Any student whose candidacy lapses will be required to apply for reinstatement before further work toward the degree may be formally done. (See also the section of this bulletin titled "Dissertation Completion Within Seven Years.")
- **Minimum Time Span Between Passing the Qualifying Exam and Degree Conferral** The date on which a student's Ph.D. degree is awarded must be at least eight months after the passing date of the qualifying examination.
- **Minimum Time Span Between Research Committee Approval and Dissertation Defense** A Ph.D. candidate may not defend the dissertation until at least six months have passed following University Graduate School approval of the membership of the student's research committee. Items which must be submitted together to request approval include: a completed form entitled, Nomination of Research Committee for the Ph.D.; an research project abstract; and a signed form indicating approval for any use of human or animal subjects.
- **Minimum Time Span Between Applying for Graduation and Degree Conferral** At least six months before the expected date of graduation, candidates for master's degrees must file an Application for Graduation at the following link: publichealth.indiana.edu/student-portal/graduation/index.html .
Ph.D. Conferral

For doctoral students, submission to the University Graduate School of the copies of the completed dissertation and abstract as described under

Submission of the Dissertation constitutes an application for conferral of the Ph.D. degree.

Doctoral students are reminded:

- The 30-day announcement deadline prior to the defense of the dissertation and the 30-day deadline prior to degree conferral are non-overlapping time periods.
 - Research committees frequently require revisions and corrections after the defense of the dissertation. These revisions must be made before the dissertation is ready for submission to the University Graduate School.
 - Failure to file this application by the proper time may result in failure to graduate at the expected time. The responsibility for checking degree requirements rests with the student.
- **Doctoral Dissertation Progress-Level Required to Apply for Graduation**

Doctoral students, who wish to participate in the May or December Commencement exercises, must submit their initial dissertation (and any formatting edits requested by the University Graduate School) by the appointed deadlines on the [University Graduate School website](#). They must also submit a [PhD Commencement Participation Application](#) with the University Graduate School by the appointed due date, announced annually for each commencement ceremony.

Arrangements for Commencement regalia are to be made with the Indiana University Bookstore in the Indiana Memorial Union. Diplomas will be mailed to the graduate's permanent address on file at the Office of the Registrar. Allow approximately eight weeks following the date of graduation for the delivery of diplomas.

Frequently Asked Questions:

Question: I am completing my master's degree in the therapeutic recreation, distance education program. I have skipped some semesters due to professional obligations. It looks like I will not complete my master's degree within the six year limit. Are there any exceptions to this rule? Is it possible for me to earn my degree now?

Answer: Schedule a meeting or a telephone conversation with the executive associate dean to ask for an exception to this rule due to the nature of the distance education program.

Question: I forgot to apply to graduate six months before my desired graduation date. Can I still apply?

Answer: Yes, you may still apply for graduation. When you have satisfied both requirements of applying for graduation, and finishing your degree requirements, our records office will certify your degree at the first opportunity. However, applying late for graduation may result in an omission of your name in the graduation ceremony program. If the application comes in extremely late, it could result in a later graduation date than you desire.

Question: If I plan to complete my requirements in July, but I wish to attend the graduation, commencement ceremony in May, what do I do?

Answer: Apply for July graduation, but attend the May graduation commencement ceremony. All students graduating between January and August are invited to participate in the May graduation commencement ceremony. All students graduating between September and December may participate in the December graduation commencement ceremony. Just be sure to apply six months before your expected graduation date.

Transfer of Credit

Stipulations for transfer of graduate credit for use in Master of Science degrees may be found at this link: <https://bulletins.iu.edu/iub/phb/2022-2023/policies/masters-degree/transfer-credit.shtml>

Stipulations for transfer of graduate credit for use in Doctoral (PhD) degrees may be found at this link: <https://bulletins.iu.edu/iub/phb/2022-2023/policies/doctoral/transfer-of-credit.shtml>

Transfer Policy for Master of Public Health (MPH)

With the approval of a student's academic advisor and the assistant dean for graduate education, a maximum of 12 graduate-level academic credits may be transferred for use in an SPH-B Master of Public Health degree. An official transcript from the registrar's office of the academic institution where the coursework was completed must be on file in the School of Public Health-Bloomington records office. A copy of this transcript should accompany the request through its approval stages.

Stipulations for transfer credit:

- Transfer courses cannot be used as substitutes for required core or concentration courses.
- Courses cannot be transferred for credit if they were applied toward a completed degree.
- A minimum grade of B is required in each course to be transferred.
- Courses with grades of Pass (P) or Satisfactory (S) cannot be accepted unless there is official documentation from the transferring program to verify that these grades are equivalent to at least a B on a graduate grading scale.
- No credit can be transferred for a course that cannot be officially documented as carrying graduate credit.
- For all School of Public Health-Bloomington Master of Public Health degrees, coursework completed more than five years before the starting date of student's program-entry semester may not be used to satisfy the program's course requirements unless the student has remained current in the course subject matter.
- The student's graduate advisor may recommend to the assistant dean for graduate education that coursework taken before the five-year time limit be revalidated if the student can demonstrate that the knowledge contained in the course(s) remains current.

Currency of knowledge may be demonstrated by such accomplishments as:

1. passing an examination specifically on the material covered by the course

2. passing a more advanced course in the same subject area
 3. passing a comprehensive examination in which the student demonstrates substantial knowledge of the content of the course
 4. teaching a comparable course
 5. publishing scholarly research demonstrating fundamental principles of the course
 6. demonstrating currency of course subject matter through work experience within five years of matriculation.
- Each course for which consideration for revalidation is being requested should be justified separately in a document presented to the assistant dean for graduate education for approval.
 - The cumulative grade point average (GPA) for students in the School of Public Health-Bloomington is calculated using only Indiana University graded coursework. Credits and grades in work transferred from other institutions are not used in the calculation of a student's Indiana University GPA.

Schedule Adjustment: Withdrawal from Courses

A grade of W (Withdrawal) is given automatically when a withdrawal from course work occurs during a specific span of time after the late schedule adjustment period at the beginning of a regular semester or summer session. For the dates of this period, consult the Enrollment and Student Academic Information Bulletin. Thereafter, a W will be given only if the student is passing on the date of withdrawal and has an illness or employment obligation. If the student is failing on the date of withdrawal or stops attending class without officially withdrawing, a WF (Withdrawal with Failure) will be recorded on that date and will be treated as a failing grade. For further information regarding withdrawal dates and procedures, refer to the Enrollment and Student Academic Information Bulletin.

Note: Reducing the number of credit hours will affect financial aid status, especially in relation to fellowships, scholarships, fee remissions, graduate work study, hourly work study, and scheduled repayment of loans. The details of specific awards should be reviewed before withdrawing to ascertain the effect of a reduction in total credit hours.

LEAVES OF ABSENCE

Taking a leave of absence

Leaves of absence allow graduate students in the School of Public Health to deal with unforeseen events that interfere with their academic progress. During a leave you are not expected to make progress toward your degree.

Although you may complete coursework from previous terms during a leave, you may not attend class or use the leave to catch up on current coursework, prepare for exams, or write your dissertation.

After a leave of absence, you are expected to return to your program of study and resume progress toward your degree. **Leaves of absence may not be requested retroactively.**

Taking leave of absence does not pause the degree completion timeline:

- PhD students must take the doctoral qualifying examination by five (5) years from their first semester of admission into the PhD Program
- PhD students must defend their dissertation for their PhD Degree by seven (7) years after the passing of their doctoral qualifying examination.
- Master's students must complete their degree within 6 years of the first semester of enrollment.
- The SPH-G 901 course is strictly for doctoral candidates who have taken all 90 PhD degree credits, and there are no exceptions to this policy.

Other stipulations for Student Academic Appointments, student funding, and student health insurance coverage may apply to the leave of absence, and will be discussed with students along with their advisor and director of graduate studies upon taking leave, on a case-by-case basis.

Applying for a leave of absence

Before requesting a leave of absence, you must first discuss the leave and possible alternatives with your academic advisor, and the director of graduate studies for your major's department (or the department chair of your major's department).

If you decide to proceed with your leave of absence request, you must follow fill out the Leave of Absence request form, which requires signatures of approval from your academic advisor, your department's director of graduate studies (or the department's chair), and the assistant dean of graduate studies.

The form is contained online at this link: <https://one.iu.edu/task/iub/current-sph-students>; press "start," select the "Forms" link, and scroll to the section "For All Graduate Students" to download the form.

It is the student's responsibility to ensure this form is filled properly and receives all signatures of approval, and is sent to the Degree Administration team in a timely manner. Contact information for where to send the form is contained within the form itself.

Grievance Policy (All Grads)

Indiana University School of Public Health-Bloomington

Graduate Student Support and Grievance Procedures

October 2023

Potentially disruptive issues that graduate students may encounter come in many forms (e.g., obstacles to degree progress, nature or conditions of work, reappointment, conflicts with an advisor/committee member, etc.). When possible, the first attempts at resolving issues between graduate students and advisors/peers/instructors or others should be made through direct discussions between the involved parties. In general, the formal line of authority should be followed. Students should seek assistance in the following order: the instructor (if applicable)*, their advisor, the Department Director of Graduate Students, and the Department Chair. The student should move

to the next level if the issue is not resolved within a reasonable time frame at the lower level. Throughout the process, students are encouraged to document all discussions that take place about resolving the issue.

If the situation remains unresolved or if following the line of authority is uncomfortable or threatening for the student, the student should contact the Assistant Dean for Graduate Education by whatever means is most comfortable for the student: (INSERT LINK TO ONLINE FORM HERE), email, phone, or personal visit to the office. When completing the online form, the student can choose whether to provide written documentation. Although not required, providing some written information can help the Assistant Dean for Graduate Education point the graduate student toward resources, information, and support. When written documentation is not provided, a meeting will be scheduled to gather the details of the situation. The goal is to empower the student to make an informed decision, even if they don't want to pursue further action.

Confidentiality: Where possible, the Assistant Dean for Graduate Education will make efforts to respect the confidentiality of the student. The student will be notified if information regarding the complaint is placed in the student's personnel file.

Consultation with other offices: The Assistant Dean for Graduate Education may also engage relevant campus offices (e.g., the Vice Provost for Faculty and Academic Affairs, Office of Institutional Equity; Office of Student Conduct; Title IV, etc.) if required.

Timeline: It is anticipated that issues that reach the Assistant Dean for Graduate Education will be handled within two weeks. For complaints that involve possible sexual misconduct, the campus and/or university Title IX coordinators must be informed as soon as possible.

*SPH-B departments may have specific policies related to course grade disputes. Consult department leadership for the proper procedure to follow to dispute a course grade.

This procedure below describes SPH-B's role in due process involving employment of graduate students as SAAs (GA (Graduate Assistant), AI (Associate Instructor), and RA (Research Assistant)). The policy is governed by the Office of the Vice Provost for Faculty & Academic Affairs ([OVFAA](#)) with ultimate arbitration at the Bloomington Faculty Council ([BFC](#)).

As noted on the [BFC website](#), "Student Academic Appointees are encouraged to seek redress of grievances at the departmental and/or unit level. If a satisfactory resolution cannot be reached at the department or unit level, the appeal may be taken to the Student Academic Appointee Mediation Committee of the Bloomington Faculty Council or the Student Academic Appointee Board of Review. SAA's are not required to complete a grievance process at the departmental and/or unit level before coming to either the mediation committee or Board of Review." Please visit the BFC website for more details about the SAA grievance process with the BFC.

Internal SPH-B Process

Discuss first with supervisor:

When possible, the first attempts at resolving issues between graduate students and supervisors or others related to their SAA should be made through direct discussions between the student academic appointee and their supervisor (advisor, PI, or individual who oversees AIs).

Where to go after the supervisor:

If discussions with the supervisor are not satisfactory and/or if the student is uncomfortable addressing the issue with their supervisor, the same process as described above applies. That is, SAAs should seek assistance from their advisor (in many cases, the advisor is also the SAA supervisor), the Department Director of Graduate Students, and the Department Chair. If the situation is not resolved or if following the formal line of authority is uncomfortable or threatening for the student, then they are encouraged to contact the Assistant Dean for Graduate Education via email.

MPH Declaration of Intention Policy

MPH Declaration of Intention Policy

PURPOSE:

To ensure timely progress toward completion of a degree, SPH-B expects MPH students to declare an intended second concentration or certificate or a plan to pursue required elective credits no later than the end of the term in which they will complete 27 credit hours.

IMPACT:

Students will be given a V03 hold in the semester immediately following earning their 27th graduate credit toward an MPH degree if they have not completed the declaration form. No enrollment is allowed in the next term until the hold is released.

RELEASE PROCEDURE:

Discuss options for second concentrations, certificates, or electives in a scheduled appointment with and SPH-B MPH academic advisor.

PROCESS

The declaration form should be a student-initiated form. Students can declare their intention for a second concentration, graduate certificate, or their plan to pursue MPH elective courses as early as their first semester but MUST declare by the time they reach 27 credits.

VALID CONCENTRATIONS

Primary Concentration	Valid Second Concentrations or Certificates
Behavioral, Social, and Community Health	Concentration in Public Health Administration
Concentration in Epidemiology	
Concentration in Environmental Health	

Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Environmental Health	Concentration in Public Health Administration
Concentration in Epidemiology	
Concentration in Behavioral, Social, and Community Health	
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Online Environmental Health	Concentration in Public Health Administration
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Epidemiology	Concentration in Public Health Administration
Concentration in Behavioral, Social, and Community Health	
Concentration in Environmental Health	
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Online Parks and Recreation	Concentration in Public Health Administration
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Online Public Health Administration	Concentration in Environmental Health
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Online Epidemiology	Admission Currently Paused
Physical Activity	Admission Currently Paused
Online Physical Activity	Admission Currently Paused

The following MPH programs are *paused* and so are not valid second concentration combinations with any MPH:

- **Physical Activity**
- **Online Physical Activity**
- **Online Epidemiology**

The following graduate certificates are *paused* and so are not valid certificate combinations with any MPH:

- **Certificated in Gerontology and Health**
- **Certificate in Addiction Intervention**

The **Graduate Certificate in Public Health** is not a valid certificate combination with any MPH degree.

Graduation: Degree Application

At least six months before the expected date of graduation, candidates for master's degrees must complete and submit an application to graduate at publichealth.indiana.edu/student-portal/graduation/index.html. When submitted, this application is received by the School of Public Health-Bloomington Records Office. The school will not be responsible for the degree certification of master's degree students who fail to meet this requirement.

MAY GRADUATION CEREMONY: Students who will complete degree requirements in May, June, or July may participate in the May graduation ceremony, which takes place shortly after the spring semester ends. These students are strongly encouraged to complete and submit the application to graduate by October 1 of the previous year. October 1 is the priority date which guarantees efficient processing of the application. February 25 is the last day on which names may be included in the [Indiana University Commencement](#) program for May.

DECEMBER GRADUATION CEREMONY: Students who will complete degree requirements in December may participate in the December graduation ceremony, which takes place shortly after the fall semester ends. These students are strongly encouraged to complete and submit the application to graduate by May 1 of the same year.

May 1 is the priority date which guarantees efficient processing of the application. October 1 is the last day on which names may be included in the [Indiana University Commencement](#) print program for December..

Master's Degree Students

- Graduation: Degree Application
- Joint Master's Degree
- Master's Degree – Double Major
- Minimum Master's Degree Requirements
- Revalidation of Courses
- Time Limitations
- Transfer of Credit

Joint Master's Degrees

To be eligible to earn two master's degrees, the student must be formally admitted by both degree-granting departments. All requirements for each degree must be met. If the student decides to complete a thesis, the thesis committee shall include two faculty members from the department where the thesis is being completed, and one

faculty member from the department awarding the other degree.

The student must complete a minimum of 20 credit hours from each department where the degrees will be awarded and must have a combined minimum of 55 credit hours for the two degrees. In many cases it will be possible to use courses taken in one major as part of the other major, especially when the same course is required in both departments, and courses taken in one department may serve as electives for the other degree when it is obvious that a close relationship exists. However, such courses may be counted only once for credit.

In all cases, the academic advisor must recommend the use of course work from the second degree, and this use must be approved by the executive associate dean.

Master's Degree - Double Major

A student in the IU School of Public Health-Bloomington may complete two majors (areas of emphasis) under one master's degree with the following stipulations:

- All published degree requirements for both majors must be completed.
- A minimum of 44 credits that count toward the degree must be completed for any master's degree with a double major.
- A minimum of 12 credits of unique coursework must be completed for each of the majors, and may not overlap.
- A single course, which is required by both majors, may count toward completion of both majors. However, such a course counts only once for credit.
- Double major combinations must either both be online-only majors, or both be classroom-based majors. Students who wish to discuss an exception to this policy should contact the executive associate dean.
- Permissible M.P.H. degree double majors and their specific requirements are listed in this bulletin. Students are welcome to consult with M.P.H. degree advisors about additional combinations.

Minimum Master's Degree Requirements

Applicants are often admitted to Master's degree programs before they have completed the requirements for a Bachelor's degree. However, before a student may earn a Master's degree through the School of Public Health-Bloomington, the institution granting the Bachelor's degree must send a transcript displaying the degree to the SPH Degree Administration Office. Transcripts may be sent electronically or via mail, to the following contact:

Mail:

School of Public Health IU Bloomington
Attn: Amy Shamanov, room PH 123
1025 E 7th St
Bloomington, IN 47405

Electronic:

Amy Shamanov
Assistant Director of Graduate Degree Programs
aloop@iu.edu

For a Master of Science or Master of Public Health degree, students are required to successfully complete

all degree program course and grading requirements. This information may be found for each individual degree program here:

<https://bulletins.iu.edu/iub/phb/2023-2024/graduate/masters/index.shtml>

A maximum of 6 credit hours in independent study, readings, and research courses (not including internships) may be used to meet Master's degree requirements unless special permission is obtained from the assistant dean of graduate studies. A student must have at least a 3.0 GPA to enroll in independent study courses.

Revalidation of Courses

Coursework completed more than seven years before the starting date of student's master's degree program entry semester may not be used to satisfy the program's course requirements unless the student has remained current in the course subject matter. The student's graduate advisor may recommend to the executive associate dean that coursework taken before the seven-year time limit be revalidated if it can be demonstrated that the knowledge contained in the course(s) remains current. Currency of knowledge may be demonstrated by such accomplishments as: (a) passing an examination specifically on the material covered by the course; (b) passing a more advanced course in the same subject area; (c) passing a comprehensive examination in which the student demonstrates substantial knowledge of the content of the course; (d) teaching a comparable course; (e) publishing scholarly research demonstrating fundamental principles of the course; or (f) demonstrating currency of course subject matter through work experience within seven years of matriculation. Each course for which consideration for revalidation is being requested should be justified separately in a document presented to the executive associate dean for approval.

Time Limitations

Time Limitations

Students are responsible for knowing the following time limits and academic deadlines.

- **Maximum Time Span Between Application for Admission and Initial Registration** Initial registration for courses must occur within two (2) years from the date of the submission of the application for admission. Applicants who surpass the two (2) year maximum must reapply if admission is desired.
- **Maximum Time Span Between Initial Enrollment and Master's Degree Completion** All requirements for a master's degree must be completed within six (6) calendar years after initial enrollment in course work.
- **Minimum Time Span Between Applying for Graduation and Degree Conferral** At least six (6) months before the expected date of graduation, candidates for master's degrees must file an Application for Graduation at the following link: <https://publichealth.indiana.edu/student-portal/graduation/index.html>.

Failure to file this application by the deadline may result in failure to graduate at the expected time. **The responsibility for checking degree requirements rests with the student.**

Frequently Asked Questions:

Question: I am completing my Master's degree in the online recreational therapy program. I have skipped some semesters due to professional obligations. It looks like I will not complete my master's degree within the six-year limit. Are there any exceptions to this rule? Is it possible for me to earn my degree now?

Answer: Please reach out to the member of Degree Administration staff assigned to graduate student services, who will facilitate asking for an exception from the assistant dean of graduate studies.

Question: I forgot to apply to graduate six months before my desired graduation date. Can I still apply?

Answer: Yes, you may still apply for graduation. When you have satisfied both requirements of applying for graduation **and** finished your degree requirements, the degree administration staff will certify your degree at the first opportunity. However, applying late for graduation may result in an omission of your name in print materials related to graduation. If the application comes in extremely late, it could result in a later graduation date than you desire.

Question: If I plan to complete my requirements in July, but I wish to attend the graduation events in May, what do I do?

Answer: Apply for July graduation but attend the May graduation events. All students graduating between January and August are invited to participate in the May graduation events. All students graduating between September and December may participate in the December graduation events. Just be sure to apply six months before your expected graduation date.

Transfer of Credit

Transfer of Credit

With the approval of the faculty advisor and the assistant dean for graduate education, graduate-level academic credit from another institution may be transferred for use in a School of Public Health-Bloomington master's degree.

An official transcript from the registrar's office of the academic institution where the course work was completed must be on file in the School of Public Health-Bloomington records office. A copy of this transcript should accompany the request through its approval stages. It must be an official transcript, meaning it's sent directly from the issuing institution to the School of Public Health admissions team or graduate records administrator.

The form to begin this process is located at <https://one.iu.edu/task/iub/current-sph-students>: press "start," and select the "Forms" link.

Stipulations for transferability are as follows:

- A maximum of one-third of the required credit hours of an SPH Master of Science (MS) degree may be made up of transferred graduate-level coursework obtained at a previously attended institution.
- Credit from a completed master's degree may not be used toward an IU SPH-B master's degree.
- Allowance of transfer credits used towards a Master of Science (MS) degree are subject to approval from the faculty advisor and the assistant dean for graduate education.
- Transfer credits may not be used towards any of the Master of Public Health (MPH) degree programs, and there are no exceptions to this policy.
- Transfer credits from any kind of doctoral degree may not be used towards any IU Master's degree, and there are no exceptions to this policy.
- For MS degrees, coursework completed more than seven (7) years before graduation from the program must be revalidated via the Course Revalidation procedure in order to be approved and transferred. Authorization of revalidation methods are subject to approval by the SPH-B assistant dean for graduate education. Please see this link for Course Revalidation methods and procedures:
 - A minimum grade of B is required in each course to be transferred. A course with a grade of B-minus may not be transferred for use in a graduate degree.
 - Grades of Pass (P) or Satisfactory (S) cannot be accepted unless there is official documentation from the transferring institution to verify that these grades are equivalent to at least a B on a graduate grading scale. It is the student's responsibility to obtain the required verification from an appropriate source, such as the professor of the course, the Registrar's Office of the institution where the course was completed, or an administrator of the institution. The verification must be on official university letterhead and issued by a university official from the issuing institution.
- No credit can be transferred for a course that cannot be officially documented as carrying graduate-level credit.
- The cumulative grade point average (GPA) for students in the School of Public Health-Bloomington is calculated using only Indiana University graded course work. Credits and grades in work transferred from other institutions are not used in the calculation of a student's Indiana University GPA.

MPH Declaration of Intention Policy

MPH Declaration of Intention Policy

PURPOSE:

To ensure timely progress toward completion of a degree, SPH-B expects MPH students to declare an intended second concentration or certificate or a plan to pursue required elective credits no later than the end of the term in which they will complete 27 credit hours.

IMPACT:

Students will be given a V03 hold in the semester immediately following earning their 27th graduate credit toward an MPH degree if they have not completed the declaration form. No enrollment is allowed in the next term until the hold is released.

RELEASE PROCEDURE:

Discuss options for second concentrations, certificates, or electives in a scheduled appointment with and SPH-B MPH academic advisor.

PROCESS

The declaration form should be a student-initiated form. Students can declare their intention for a second concentration, graduate certificate, or their plan to pursue MPH elective courses as early as their first semester but **MUST** declare by the time they reach 27 credits.

VALID CONCENTRATIONS

Primary Concentration	Valid Second Concentrations or Certificates
Behavioral, Social, and Community Health	Concentration in Public Health Administration
Concentration in Epidemiology	
Concentration in Environmental Health	
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Environmental Health	Concentration in Public Health Administration
Concentration in Epidemiology	
Concentration in Behavioral, Social, and Community Health	
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Online Environmental Health	Concentration in Public Health Administration
Certificate in Sexual and Reproductive Health	
Certificate in Safety Management	
Epidemiology	Concentration in Public Health Administration
Concentration in Behavioral, Social, and Community Health	
Concentration in Environmental Health	

Certificate in Sexual and Reproductive Health

Certificate in Safety Management

Online Parks and Recreation

Concentration in Public Health Administration

Certificate in Sexual and Reproductive Health

Certificate in Safety Management

Online Public Health Administration

Concentration in Environmental Health

Certificate in Sexual and Reproductive Health

Certificate in Safety Management

Online Epidemiology

Admission Currently Paused

Physical Activity

Admission Currently Paused

Online Physical Activity

Admission Currently Paused

The following MPH programs are *paused* and so are not valid second concentration combinations with any MPH:

- **Physical Activity**
- **Online Physical Activity**
- **Online Epidemiology**

The following graduate certificates are *paused* and so are not valid certificate combinations with any MPH:

- **Certificated in Gerontology and Health**
- **Certificate in Addiction Intervention**

The **Graduate Certificate in Public Health** is not a valid certificate combination with any MPH degree.

Application for Graduation

At least six months before the expected date of graduation, candidates for master's degrees must complete and submit an application to graduate at publichealth.indiana.edu/student-portal/graduation/index.html. When submitted, this application is received by the School of Public Health-Bloomington Records Office. The school will not be responsible for the degree certification of master's degree students who fail to meet this requirement.

MAY GRADUATION CEREMONY: Students who will complete degree requirements and submit all required thesis materials to the director of degree administration in May, June, or July may participate in the May graduation events. These students are strongly encouraged to complete and submit the application to graduate by October 1 of the previous year. October 1 is the priority date which guarantees efficient processing of the application. February 25 is the last day on which names may be included in print materials related to May graduation events.

DECEMBER GRADUATION CEREMONY: Students who will complete degree requirements and submit all required thesis materials to the director of degree administration in December may participate in the December graduation events. These students are strongly encouraged to complete and submit the application to graduate by May 1 of the same year. May 1 is the priority date which guarantees efficient processing of the application. September 25 is the last day on which names may be included in print materials related to December graduation events.

Frequently Asked Questions:

Question: How do I make sure my name will appear in the university's [commencement](#) printed program?

Answer: To make sure your name appears in the university's commencement printed program, you should complete and submit the application for graduation at least six months before your desired graduation date.

Question: I am a graduate student planning to complete the requirements for my degree in the near future, but not planning to attend the commencement ceremony. Do I still need to apply to graduate?

Answer: Yes. All graduate degree-seeking students must apply for graduation, whether or not they are planning to attend the commencement ceremony. The graduation application is the only means of letting the graduate recorder know the student plans to complete the degree. This cues the recorder to audit a student's progress toward satisfaction of all degree requirements for a specific degree certification date. If you do not tell the recorder when you want to graduate, nothing happens.

Thesis Completion Sequence

The chronological steps in the master's thesis process are:

- Formation of a master's thesis committee
- Human and animal subjects approval
- Thesis proposal meeting
- Completion of thesis
- Application for graduation
- Defense of thesis
- Submission of required thesis materials
- Graduation

Final Thesis Defense

The student defends the master's thesis in a meeting with the student's master's thesis committee. It is a public meeting, open to students and faculty. The student should confer with the thesis committee chair regarding expectations.

Complete the following steps to arrange the meeting:

1. Indiana University requires that all research using human subjects be approved before the research begins. This requirement ensures protection of the rights and welfare of persons used in research. It also satisfies a number of federal, state, and institutional regulations. If a research project involves human subjects, no data may be collected until documentation of clearance for the use of human subjects has been obtained. No thesis or dissertation will be accepted for which such clearance has not been obtained. Forms and procedures for this

purpose are available at research.iu.edu/compliance/human-subjects/index.html

2. The student and the master's thesis committee agree on a date and time for the student's final defense meeting.
3. At least 10 business days in advance of the proposed meeting date, the student must complete and submit an Application to Schedule Graduate Student Meeting Form, available at one.iu.edu/task/iub/current-sph-students. Confirmation of the meeting date, time, and location will be communicated to the student and the committee members via email. A report form will be provided for the committee to sign after the meeting takes place indicating whether the student passed, failed, or passed contingent upon changes.

Following the defense meeting, the master's thesis committee members will sign the Report Form and submit it to the Graduate Recorder to report the outcome of the defense. The chair will also assign a letter grade to the thesis credits.

Formation of a Thesis Committee

When a student is admitted to the thesis option, a member of the graduate faculty will be appointed to serve as the student's advisor and as the chair of the master's thesis committee. This committee consists of the chair and at least two other Indiana University graduate faculty members. The chair of the committee must be a graduate faculty member in the department in which the student's degree is being pursued. While students often wish to have a member of the committee from an institution other than Indiana University, such an individual may serve only as a consultant for the committee, but not as one of the three required members. Information regarding the eligibility of faculty members to serve on the master's thesis committee is available on the University Graduate School Roster of Graduate Faculty at <https://graduate.indiana.edu/faculty-staff-intranet/membership.html>

A Nomination of master's Thesis Committee Form, approved by the members, must be submitted to the Records Office. The form may be found online at one.iu.edu/task/iub/current-sph-students. The research proposal meeting may not be scheduled before the executive associate dean approves the submitted master's Thesis Committee Form. The chair/advisor will guide all phases of the thesis development. After the thesis topic has been identified, the student must prepare a detailed outline of the research proposal. The outline must then be submitted to the committee for approval. The committee is also responsible for the evaluation of the completed thesis.

Frequently Asked Questions:

Question: How many people must be on my thesis committee?

Answer: The master's thesis committee is made up of a minimum of three faculty members.

Question: What are the qualifications for faculty on a thesis committee?

Answer: All thesis committee members, including the chair, must have Indiana University graduate faculty status. While doctoral committee chairs must have a special endorsement to chair those committee, such an endorsement is not required to chair a Master's thesis committee.

Question: How do I find out if a faculty member is qualified to be on my thesis committee?

Answer: Visit the University Graduate School Roster of Graduate Faculty at graduate.indiana.edu/faculty-staff/membership.html. Search the PDF document on this website for the name of the faculty member.

Question: Can I have more than three members on my thesis committee?

Answer: Yes, you may have more than three thesis committee members if you wish, but please remember that the difficulty of arranging a time for the proposal and defense meetings increases exponentially for each member you add to your committee.

Question: I have three faculty members with graduate faculty status who have agreed to serve on my master's Thesis Committee. I would like to add a fourth member as a consultant, but this person does not have graduate faculty status. Is it possible for this person to serve as a consultant on my committee and if so, what is the procedure?

Answer: Persons listed on a master's thesis committee as a consultant must either hold graduate faculty status or submit a curriculum vitae (CV) in combination with the nomination of master's thesis committee form to the [Assistant Director of Graduate Degree Programs](#). This consultant faculty member is subject to the approval of the executive associate dean.

Also, please remember that it is more difficult to schedule meetings if you add an extra person to your committee.

Human and Animal Subjects Approval

Indiana University requires that all research using human subjects be approved before the research begins. This requirement ensures protection of the rights and welfare of persons used in research. It also satisfies a number of federal, state, and institutional regulations. If a research project involves human subjects, no data may be collected until documentation of clearance for the use of human subjects has been obtained. No thesis or dissertation will be accepted for which such clearance has not been obtained. Forms and procedures for this purpose are available online at research.iu.edu/compliance/human-subjects/index.html.

If human subjects are to be used in research, an approved clearance form for the use of human subjects must be obtained and a copy must be submitted to the School of Public Health-Bloomington records office, SPH 123, before the student may begin data collection.

Frequently Asked Questions:

Question: My research project is qualitative, and will not involve use of human or animal subjects. Do I need to submit a copy of an approved human subjects form?

Answer: No.

Question: My research project will involve a collection of data from human or animal subjects. How do I obtain approval for my project?

Answer: Visit research.iu.edu/compliance/human-subjects/index.html and follow the directions to obtain approval for your use of human subjects. When you have a signed Human Subjects Approval Form, please submit a copy of that form to the School of Public Health-Bloomington records office in SPH Room 123.

Master's Thesis Students

- Thesis Completion Sequence
- Formation of a Thesis Committee
- Human and Animal Subjects Approval
- Thesis Proposal
- Final Thesis Defense
- Submission of Thesis Materials
- Application for Graduation

Submission of Thesis Materials

There are two thesis submission options: **open access** and **limited access**.

A student who elects to allow open access may submit the thesis electronically. In this case, the thesis will be published on the IU ScholarWorks website, which is maintained by the IU Library system.

A more restrictive submission option allows a student to limit access to their thesis by submitting a copy to the assistant director of graduate degree administration, and requesting that the access to the thesis is limited.

In this case, a copy of the thesis must be sent to the [assistant director of graduate degree programs](#). Under this option, access to a printed, bound copy will be managed by the School of Public Health-Bloomington Library.

Open access submission is the far more popular choice among graduate students due to the expense of producing bound copies, and a willingness by most students to share the results of their research with others.

Students who wish to allow open access may submit their thesis materials directly to IU Scholarworks.

Steps to Open Access Thesis Submission:

1. The student must successfully defend their master's thesis, and the thesis must be in its final form approved by the student's thesis committee before submission.
2. Once the assistant director of graduate degree programs has been notified via the Internal Report Form that the student has passed their thesis defense, and the student's committee has confirmed to the student that the thesis is ready to be submitted, the student may initiate the online form at IU Scholarworks to submit their thesis.
3. The student must follow the formatting guidelines from the University Graduate School: <https://graduate.indiana.edu/academic-requirements/thesis-dissertation/masters-guide/formatting.html>. The student should not submit their thesis via ProQuest, and use this link only as a guideline for formatting.
4. The student must submit their master's thesis at openscholarship.indiana.edu/etd-form. Upon

submission of the items listed above, students who have completed all other master's degree requirements will be approved to graduate. Master's degrees are awarded in May, June, July, and December. As stated under "Application for Graduation," students should apply to graduate at least six months before requirements are completed in order to be listed in print materials related to graduation events.

Steps to Limited-Access Thesis Submission:

1. The student must follow the formatting guidelines from the University Graduate School: <https://graduate.indiana.edu/academic-requirements/thesis-dissertation/masters-guide/formatting.html>. The student **should not** submit their thesis via ProQuest, and use this link **only** as a guideline for formatting.
2. The student must send the Word document of the Thesis to the [assistant director of graduate degree programs](#). This document must be proofread and acceptable to both the student and the student's Master's thesis committee chair. No handwritten signatures may be included in this document.

A signed acceptance page with the signatures of the members of the thesis committee is required to confirm that the committee members have viewed and accepted the final draft of the thesis which the student is submitting.

The acceptance signed by the thesis committee members may be completed in person and scanned, or it may be signed using verified, electronic signatures in Adobe Acrobat, and then attached as a separate PDF file, to the same email message to which the thesis document is attached.

Upon receipt of the items listed above, students who have completed all other master's degree requirements will be approved to graduate. Master's degrees are awarded in May, June, July, and December. As stated under "Application for Graduation," students should apply to graduate at least six months before requirements are all completed in order to be listed in print materials related to graduation events.

Frequently Asked Questions:

Question: Why are there two submission options?

Answer: The Indiana University Library system may not force students to allow publication of their master's thesis on the IU Scholarworks Website. For this reason, the limited access thesis submission form exists.

Question: Which one of the options is more popular?

Answer: The open access option is far more popular. In fact, as of the date on which this bulletin was published, no master's thesis student has chosen to submit a thesis under the limited access option.

Question: I am submitting my thesis under the open access option. I have seen signed acceptance pages in bound theses. Why are no signatures allowed in the Microsoft Word thesis document?

Answer: The Indiana University Library system will be posting your thesis on the IU ScholarWorks Website. It is not advisable to post documents with signatures on the Internet due to the potential for fraud and identity theft.

Question: Do I graduate as soon as I turn in my thesis materials?

Answer: You are eligible to graduate when you have successfully completed all course, credit, and GPA requirements for your degree program, and when you have submitted your required thesis materials. When these requirements have been met, you are eligible to graduate on the next possible degree conferral date. Master's degrees are conferred in May, June, August, and December. Your application for graduation should list the date on which you plan to graduate. If submission of required materials happens after your expected graduation date, please check with the School of Public Health-Bloomington recorder to learn the next possible graduation date, and update your graduation application.

Thesis Proposal

A student's thesis committee must formally approve the student's research project before it begins. To earn official approval, the student must present a research proposal at a public proposal meeting, open to faculty and students.

If the proposed research involves human subjects, animals, biohazards, or radiation, approval from the appropriate institutional review board (IRB) must also be obtained prior to the beginning of data collection. Information on the use of human subjects in research may be found at: research.iu.edu/compliance/human-subjects/index.html. The thesis proposal meeting may take place before or after IRB clearance for the use of human subjects has been obtained.

Complete the following steps to arrange the meeting:

1. The student and the master's thesis committee agree on a date and time for the student's proposal meeting.
2. Ten (10) days in advance of the proposed meeting, the student completes and submits the Application to Schedule a Graduate Student Meeting Form, available at one.iu.edu/task/iub/current-sph-students.
3. The Assistant Director of Graduate Degree Programs will verify that the student's Nomination of Master's Thesis Committee Form has been approved and submitted. They will then reserve a meeting room. Confirmation of the meeting date, time, and location will be communicated to the student and the committee members via email.

During the first portion of the proposal meeting, the student formally presents the research proposal in an open forum. Committee members and visitors have the opportunity to ask questions. Visitors leave after the formal presentation. The remaining time is determined by the student's research committee.

Frequently Asked Questions:

Question: How do I make sure I am on the right track with the research project I choose?

Answer: Present your research proposal to your thesis committee at a formal thesis proposal meeting. At this meeting, your committee will help you finalize your plans before you move forward.

Absences

Confirmed illness is usually the only acceptable excuse for absence from class. A student who misses a final

examination and who has a passing grade up to that time is given a temporary grade of "I" for incomplete if the instructor has reason to believe the absence was beyond the student's control. The [Office of the Dean of Students](#) reviews excuses for absences from final examinations and notifies instructors of its decisions.

Class Standing

Class Standing

Class standing is based on the number of credit hours completed:

- Freshman: fewer than 30 cr.
- Sophomore: 30 to 59 cr.
- Junior: 60 to 89 cr.
- Senior: 90 or more cr.

Academic Standing

Academic Standing for Undergraduate Students BL-ACA-H8

About This Policy

Effective Dates:

04-02-2024

Last Updated:

04-02-2024

Scope

All faculty, staff, and undergraduate students on the Bloomington campus.

Policy Statement

1. Good Academic Standing – An undergraduate student is in good academic standing at the end of each semester when the student has:

- a. a minimum cumulative grade point average (GPA) of a 2.000 (on a 4-point scale);
- b. a semester GPA of 2.000; and
- c. met, if applicable, the standards for good academic standing set by the student's academic unit. This information can be found in the academic unit's bulletin.

2. Academic Watch

a. An undergraduate student is placed on academic watch by their academic unit if:

- i. the student's semester GPA falls below 2.000; or
- ii. the student qualifies for academic watch under standards set by the student's academic unit, if applicable. This information can be found in the academic unit's bulletin.

b. If the student also qualifies to be placed on academic alert under section 3, then the student is placed on academic alert instead of academic watch.

c. The goal of academic watch is to notify a student:

- i. of concerns about their academic performance; and
- ii. that they must seek support and address academic challenges to return to good academic standing.

Academic advisors can assist with the support services needed.

d. Academic watch appears on the student's advising record and not on the student's transcript.

3. Academic Alert

a. An undergraduate student is placed on academic alert by their academic unit if:

- i. the student's cumulative GPA falls below 2.000; or
- ii. the student qualifies for academic alert under standards set by the student's academic unit, if

applicable. This information can be found in the academic unit's bulletin.

b. The goal of academic alert is to notify a student:

- i. of major concerns about their academic performance; Indiana University Policy: Academic Standing for Undergraduate Students BL-ACA-H8
This PDF created on: 04/08/2024 2
- ii. that they are at risk of academic dismissal, as described in sections 4 and 5; and
- iii. B33-2024 that they must seek increased support and address academic challenges to return to good academic standing.

Academic advisors can assist with the support services needed.

c. Academic alert appears on the student's advising record and not on the student's transcript.

4. Academic Unit Dismissal – An undergraduate student on academic alert can be academically dismissed by their academic unit if the student does not return to good academic standing by the end of the next semester in which the student is enrolled.

a. Academic unit dismissal is based on the criteria established by the unit and available in the unit's bulletin. Extenuating circumstances for a dismissal can be considered by the academic unit's Dean's office.

b. The academic unit will notify the student and the Office of Vice Provost for Undergraduate Education (OVPUE) of the student's dismissal. The notification will include information about campus advising or other relevant resources.

c. Academic unit dismissal appears on the student's advising record and not on the student's transcript.

5. Indiana University – Bloomington (IUB) Dismissal - An undergraduate student who:

- a. has been dismissed from their academic unit;
- b. is not eligible for another major; and
- c. has a cumulative GPA below a 2.000; will be academically dismissed from IUB by OVPUE. IUB dismissal

appears on the advising record and not on the student's transcript.

6. Academic Reinstatement –

a. Each academic unit may establish criteria for academic reinstatement.

b. An undergraduate student academically dismissed from IUB may seek reinstatement to IUB and an academic unit through OVPUE. OVPUE will coordinate with the relevant academic unit. The academic unit will determine eligibility for reinstatement under the unit's criteria.

c. An undergraduate student academically dismissed from a unit, but not academically dismissed from IUB, may seek reinstatement to a unit, if permitted by the unit.

Reason for Policy

This policy harmonizes undergraduate academic standing terminology and procedures across academic units.

Schedule Adjustment: Addition of Courses

No course may be added by undergraduate students after the first week of a regular semester or summer session unless:

- The instructor of the course approves a petition that an exception be made, **and**
- The request is approved by **both**:
 - The chair of the department offering the course, **and**
 - The dean of the school in which the student is enrolled.

Admission

The admission process for each School of Public Health-Bloomington academic program is described on the individual program's page in this bulletin. Visit the undergraduate section of this bulletin, and choose the type of program. Then choose the individual, desired academic program. The desired program's page will include information about the admission process for that program.

Advising

Because the advisor-student relationship is so beneficial to the student's academic progress and career planning, School of Public Health-Bloomington students are required to meet with their assigned SPH advisor each semester before registering for classes. During these meetings, a student and advisor identify the courses in which the student will enroll for the following term, then the advisor authorizes the records office to provide clearance for the student to register for classes.

Online academic advisement reports and degree requirement tab sheets are two effective tools used by advisors and students to track academic progress. Academic Advisement Reports (AARs), available in [One.IU](#), allow students to view their completed and enrolled course credits, as well as those requirements that remain unfinished.

In addition, requirements for each degree program are outlined on degree requirement tab sheets, available [online](#). The tab sheet for each academic program specifies such requirements as total credit hours needed for completion of the degree, courses to be taken, GPA requirements, suggested electives, and other information. These advising tools are used by students and their academic advisors to guide the selection of courses and monitor progress. Adhering to stated requirements is the student's responsibility.

Bachelor's Degree - Double Major

A student may decide to complete two majors within the same degree with a few exceptions. It is not possible for a student to pursue these double major combinations:

- exercise science and health fitness specialist.
- human development and family studies and youth development.

The academic requirements are too similar between the majors in these combinations to allow the double major.

To earn a double major, all requirements for each program of study must be met. The student may use the same course to satisfy requirements in each major when that course is required in each degree program. However, such courses may only be used once for credit.

Course Load

An undergraduate student is expected to carry 12 to 18 credit hours of academic work per semester. The average semester load is 15 credits. A minimum enrollment of 12 credits per semester is required for eligibility for most financial aid. The Office of the Registrar restricts undergraduate student enrollment to a maximum of 19 credits per semester. The maximum enrollment for an undergraduate student during the entire summer term is 20 credits.

Course Load for International Students Monitored by SEVIS

The U.S. Immigration and Naturalization Service (INS) has created the Student and Exchange Visitor Information System (SEVIS) to maintain current information on nonimmigrant students, exchange visitors, and their dependents (i.e., all those in the F or J visa status). Undergraduate students monitored by SEVIS must maintain full-time enrollment (at least 12 credit hours for undergraduates) during fall and spring semesters. For more information about SEVIS, visit ois.indiana.edu.

Degree Requirements: Credit Hours

School of Public Health-Bloomington academic programs have the following credit hour requirements:

- All baccalaureate degrees require a minimum of 120 credit hours for graduation.
- Undergraduate certificates require 24 credit hours.
- Undergraduate minor credit hour requirements range from 15 to 21 credit hours.

Dean's List Honors

A student who earns a minimum 3.8 term grade point average (GPA) in at least 12 graded hours in a single semester, or in the entire summer term, receives the honor of being placed on the dean's list. Students are notified of this honor via their IU email address. Students often note this accomplishment on resumes and related materials.

Graduation: Degree Application

A candidate for graduation must complete and submit an application to graduate at publichealth.indiana.edu/student-portal/graduation/index.html. The school is not responsible for the degree certification of seniors who fail to meet this requirement.

MAY GRADUATION CEREMONY: Students who will complete degree requirements in May, June, or July may participate in May graduation events. These students are strongly encouraged to complete and submit the application to graduate by October 1 of the previous year. October 1 is the priority date which guarantees efficient processing of the application. February 25 is the last day on which names may be included in print materials related to graduation events.

DECEMBER GRADUATION CEREMONY: Students who will complete degree requirements in December may participate in December graduation events. These students are strongly encouraged to complete and submit the application to graduate by May 1 of the same year. May 1 is the priority date which guarantees efficient processing of the application. October 1 is the last day on

which names may be included in print materials related to graduation events

Question: I am a student planning to complete the requirements for my degree in the near future, but not planning to attend commencement. Do I still need to apply to graduate?

Answer: Yes. All degree-seeking students must apply for graduation, whether or not they are planning to attend commencement. The graduation application is the only means of letting the School's Records Office know that you plan to complete the requirements for your degree. Your application cues the recorder to audit your progress toward completion of all degree requirements for a specific degree certification date. If you do not tell the recorder when you want to graduate, nothing happens.

Elective Courses

Elective courses are identified on degree requirement [tab sheets](#). All programs provide elective courses to allow flexibility in the student's academic preparation. Students should consult with their academic advisors before choosing elective courses.

There are two types of elective courses: specialized electives, chosen from a prescribed list; and free electives, chosen from the entire list of university offerings. Free electives allow students to enroll in any course, except as indicated below in the "Restrictions" section of these policies. These free elective credit hours may count toward the total credit hours required for the degree and may be taken under the Pass/Fail option. Students may wish to take free electives for personal enrichment.

Grade Replacement Policy: Extended X

Extended X Policy: Policy and Procedure on Course Reenrollment and Recalculation of Student Grade Point Average

Any undergraduate student may retake a course for which they received a grade below A. Upon completion of the retaken course, the GPA for a student applying this option will be adjusted to exclude the grade for the replaced course. A student may exercise this option for no more than three courses, totaling no more than 10 credits. A student may use this option only once for a given course. A student must apply this option before the student's degree is certified.

The student must submit a completed, signed Extended X Request Form to the School of Public Health- Bloomington records office in SPH 123.

Students are responsible for obtaining, completing, and submitting the form. They may obtain, complete, and submit the form in the School of Public Health- Bloomington Records Office, SPH 123.

Additional Restrictions:

- The following grades cannot be replaced under this policy: S, P, W, I, R, and NC (no credit).
- A student may not replace a grade with a second grade of W, I, R, or NC.
- Topics courses are not eligible for replacement under this policy unless the retaken course is identical in content to the replaced course.

- A student may not request reversal after asking for and applying the GPA exclusion.

Grade Appeal

The following procedures exist for a student who believes that a grade earned in a School of Public Health- Bloomington course is unfair:

- The student must first attempt to resolve the dispute with the course instructor of record.
- If a resolution cannot be reached between the student and instructor, the student then must complete and submit a formal appeal to the department which offers the course, using the Grade Appeal Application Form available [online](#). All supporting documentation must be included with the form. This packet must be submitted to the departmental office, addressed to the authority who deals with departmental grade appeals. (Please contact the [department](#) to determine who handles appeals.)
- The formal complaint will be considered by the departmental authority within fourteen (14) working days, during which time departmental authority may request additional information from both the student and instructor. The departmental authority will serve as a mediator between the student and instructor.
- If the issue is not resolved to the student's satisfaction, the student may appeal the outcome to the School of Public Health Academic Fairness Committee. This request is to be made in writing and submitted to the Office of the Executive Associate Dean of the School of Public Health (PH 111), addressed to the Academic Fairness Committee.
- The Academic Fairness Committee will study the documentation and conduct a hearing on the case within fourteen (14) days, at which time, both the student and instructor will be present. The decision of the committee will be the determination of the case at the school level.

Appeals of grades should be made as soon as possible after the end of the semester. Requests for consideration of an appeal must occur within one calendar year from the end of the term in which the course was taken. Requests after this time limit will not be considered.

Degree Requirements: Grade Point Average

Quality points are assigned for purposes of determining the cumulative grade point average (GPA), as follows: A+ or A 4 credit points; A- 3.7; B+ 3.3; B 3; B- 2.7; C+ 2.3; C 2; C- 1.7; D+ 1.3; D 1.0; D- 0.7; and F 0. No points are assigned for grades of I (Incomplete), S (Satisfactory), P (Pass), or W (Withdrawal).

A minimum cumulative GPA of 2.0 is required for the baccalaureate degree. In addition, a minimum GPA of 2.0 is required for all courses completed in the major area and in the minor area.

Completion of ENG-W 131 (3 cr.) or equivalent with a minimum grade of C is a general requirement of all students in the school.

Note: Although coursework may be transferred to Indiana University from another institution, only the grades earned

in courses taken at Indiana University will be used to compute a student's grade point average.

Graduate Credit for Undergraduates

Candidates for a bachelor of science degree at Indiana University who are within 5 credit hours of completing requirements for that degree, when granted specific approval, may take certain graduate courses for graduate credit during the last undergraduate semester. Courses used to fulfill requirements for the undergraduate degree may not be used to fulfill requirements for a graduate degree.

Graduation with Honors

Outstanding students with a minimum of 60 graded credit hours from Indiana University are recognized upon graduation with the following designations: distinction, for those with cumulative GPAs of 3.5 to 3.74; high distinction, for those with GPAs of 3.75 to 3.89; and highest distinction, for those with GPAs of 3.9 to 4.0. These students will have their designations noted on their transcripts and diplomas. Additionally, special honors cords are provided to students to wear with their gowns at the graduation ceremony. Students will be notified and may pick up their honors cords in the School of Public Health-Bloomington records office, Room 123.

Student Research and Human Subjects

Indiana University requires that all research using human subjects be approved before the research begins. This satisfies a number of federal, state, and institutional regulations, and—more importantly—ensures protection of the rights and welfare of persons used in research. Every research proposal submitted by a student and/or faculty member must contain documentation that clearance has been obtained for the use of human subjects. A faculty member must sponsor this research. Forms and procedures for this purpose are available online at research.iu.edu/compliance/human-subjects/review-levels/index.html.

Grade of Incomplete

The grade of I is given only under circumstances beyond the student's control that prohibit completion of the course on time and when the work of the course is substantially completed and of passing quality. When an Incomplete is assigned, a record must be maintained in the office of the department in which the grade was given. The record will include a statement of the reason for recording the Incomplete and adequate guidance for its removal, with a suggested final grade in the event of the departure or extended absence of the instructor from the campus.

To receive notification of a removal of Incomplete, the student must contact the instructor. A student must complete the course and the instructor must replace the Incomplete with a grade within one calendar year from the date of its recording. The dean, however, may authorize adjustment of this period in exceptional circumstances. If the student fails to remove the Incomplete within the time allowed, the dean will authorize the Office of the Registrar to change the grade to F. Both the student and the instructor will be notified of this change in grade.

If an instructor requests that the student retake the course to have an incomplete grade replaced with an actual

grade, the student should **not** re-register for the course. In this case, the instructor who recorded the grade of I should replace it with the grade the student earns when the retaken course is completed.

Once a student has graduated, an incomplete grade may remain on the official record.

These regulations do not apply to research and reading courses in which completion of the course work is not necessarily required at the end of the semester. Incomplete work in these courses will be denoted by a grade of R (deferred grade). A grade of R (Deferred) indicates that the nature of the course is such that the work of the student can be evaluated only after two or more terms.

Undergraduate

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Pass/Fail Option

A student may enroll in one course per semester or combined summer session under the Pass/Fail option. Only free electives may be taken Pass/Fail, unless otherwise stipulated by the specific degree requirements. It is the responsibility of the student to check the major or emphasis area to determine specific restrictions.

Decisions to take courses Pass/Fail must be processed with the Office of the Dean in the School of Public Health-Bloomington. Students should refer to the IU Enrollment and Student Academic Information Bulletin regarding Pass/Fail deadlines for a specific semester or summer session.

A grade of P is not counted in computing grade point averages, but a grade of F is counted. A grade of P may not be changed to any other letter grade.

Degree Requirement Exceptions

Under extraordinary circumstances, a degree requirement exception, such as a course substitution or waiver, may be made for an admitted School of Public Health-Bloomington student. To initiate a request for such an exception, the student's SPH advisor must complete and sign a Course Substitution Request Form. The advisor or the student must then deliver the form to the records office, SPH 123. A final approval or denial decision will be made by the executive associate dean. A copy of the reviewed form with a decision will be sent to the initiating advisor for notification.

(Important note: Approved course substitution requests cannot be entered into a student's online academic advising report until the course to be used as a substitute for a required course is on the student's transcript with a grade that satisfies the original course requirement.)

If the substituting course is on the student's transcript with an appropriate grade, the student should monitor the degree progress report to make sure the requested academic exception has been made. If the substituting course is not yet on the student's transcript with an appropriate grade the student must check with the advisor to find out whether or not the course substitution request is approved.

Residence

A minimum of 30 of the last 60 credit hours of university work that count toward a degree must be completed through the Bloomington campus of Indiana University.

Restrictions

Credit earned in courses below the 100 level cannot be applied toward a degree. Credit for SLST-T 101 and other SLST credit used for English language improvement may not count toward a degree. A maximum of 3 credit hours in EDUC-M 135 Self-Instruction in Art can be counted toward a degree.

Second Bachelor's Degree

A student who is interested in pursuing a second undergraduate degree in the School of Public Health-Bloomington must complete the following steps:

1. Meet with a School of Public Health-Bloomington undergraduate advisor in the department where the second degree is to be pursued to discuss the appropriateness of the second undergraduate degree and review alternative ways to achieve your academic and career goals (e.g., a minor, a certificate program, or a graduate program in the academic area).
2. Complete the application for a second undergraduate degree in the School of Public Health records office, room 123. If the entrance requirements for the major have been met, the School of Public Health-Bloomington records office will notify the applicant in an official admission letter.

Second Undergraduate School of Public Health-Bloomington Degree Regulations

- A student may earn two different bachelor's degrees as long as at least 21 unique credits can be identified (which the student must complete—in addition to one degree—to earn the other degree).
- In the case of students who wish to earn two different Bachelor of Science in Public Health (B.S.P.H.) degrees, a separate professional experience must be completed for each degree.
- If the first degree is from another college or university, the applicant must apply to Indiana University through the [Office of Admissions](#).
- If the first degree is from an Indiana University campus other than Bloomington, the applicant must satisfy the School of Public Health-Bloomington residence requirement, which states that 30 out of the last 60 credit hours must be completed at the Bloomington campus of Indiana University.
- The second degree must differ from the first degree. A student may not complete another major under the first degree and earn a second identical degree.
- A student pursuing a second undergraduate degree may not enroll in graduate course work unless enrolled in the last semester for both undergraduate majors.

Student Responsibilities

Students are responsible for planning their own programs and for meeting the degree requirements for graduation. For advice in fulfilling these requirements and in planning a course of study, students in the School of Public Health-Bloomington should regularly seek out academic counseling from their School of Public Health-Bloomington academic advisors. Although faculty and academic advisors will do their best to aid students, it is ultimately each student's responsibility to plan an appropriate academic course of study and to fulfill the various degree requirements. Familiarizing themselves with the contents of this Bulletin is a crucial first step that students can and should take to ensure familiarity with the opportunities available to and requirements expected of all students in the School of Public Health-Bloomington.

Online academic advisement reports and degree requirement tab sheets are two effective tools used by advisors and students to track academic progress. Academic Advisement Reports (AARs), available in [One.IU](#), allow students to view their completed and enrolled course credits, as well as those requirements that remain unfinished. Students who need clarification regarding any information on their AAR or any of the requirements for their degree program are urged to contact their academic advisor or the School of Public Health-Bloomington Recorder's Office (School of Public Health 123).

Finally, Indiana University reserves the right to change course offerings without notice. Students are responsible for consulting the online Schedule of Classes for the most up-to-date listing.

Time Limit for Bachelor's Degree Completion

A student who fails to complete a bachelor of science degree within eight years of matriculation will forfeit the automatic right to use the requirements in effect at the time of matriculation. In such cases, the student should

contact their SPH academic advisor, or the School of Public Health-Bloomington records office, room 123. The student's degree program will be re-evaluated, and the student may be required to move to the program in effect at the time of reevaluation.

Schedule Adjustment: Withdrawal from Courses

A grade of W (Withdrawal) is given automatically when a withdrawal occurs during a specific span of time after the final schedule adjustment period at the beginning of a regular semester or summer session. For the dates of this period, consult the IU Enrollment and Student Academic Information Bulletin. Withdrawals that would reduce a student's enrollment below 12 credit hours or interrupt progress toward satisfaction of specific area requirements will not be authorized.

Petitions for withdrawal after the periods specified above will not be authorized by the dean of a student's school except for urgent reasons related to extended illness or equivalent distress. The desire to avoid a low grade is not an acceptable reason for withdrawal from a course.

If the student withdraws with the dean's consent, the mark in the courses shall be W if the student is passing at the time of withdrawal and F if the student is not passing. The grade will be recorded on the date of withdrawal. Failure to complete a course without authorized withdrawal will result in a grade of F.

Impermissible Major and Minor Combinations

Due to significant content overlap, many combinations of degrees, majors, and minors are not permitted. The following rules prohibit specific combinations.

Impermissible Double Major Combinations:

- No student may earn a BS in Applied Health Science degree with a double major in human development and family studies and youth development.
- **No student may earn a BS in Kinesiology degree with a double major in exercise science and health fitness specialist. FIX Degree**

Impermissible Major/Minor Combinations:

- **A minor may not be earned which has the exact same title as the student's major.**
- No student may earn a BS in Applied Health Science degree with a major in nutrition science and a minor in nutrition.
- No student may earn a BS in Applied Health Science degree with a major in dietetics and a minor in nutrition.
- **No student may earn a BS in Public Health degree with a major in community health and a minor in public health.**
- **No student may earn a BS in Public Health degree with a major in environmental health and a minor in public health.**
- **No student may earn a BS in Public Health degree with a major in community health and a minor in health studies.**

- **No student may earn a BS in Public Health degree with a major in environmental health and a minor in health studies.**
- **No student earning a BS in Kinesiology degree with a health fitness specialist major may also earn a fitness instruction minor. FIX DEGREE**
- **No student earning a BS in Kinesiology degree with a health fitness specialist major may also earn an exercise science minor. FIX DEGREE**
- **No student earning a BS in Kinesiology degree with an exercise science major may also earn a kinesiology minor.**
- **No student earning a BS in Kinesiology degree with a health fitness specialist major may also earn a kinesiology minor. FIX DEGREE**
- **No student earning a BS in Kinesiology degree with a sport marketing and management major may also earn a kinesiology minor.**
- **No student earning a BS in Recreation degree with a public, nonprofit, and community recreation major may also earn a parks and recreation administration minor.**
- **No student earning a BS in Recreation degree with a tourism, hospitality, and event management major may also earn an event planning minor.**
- **No student earning a BS in Health & Wellness Design degree with a tourism, hospitality, and event management major may also earn a hospitality services minor.**
- **No student earning a BS in Health & Wellness Design degree with a recreational sport management major may also earn a youth sport management minor. THESE WILL BE HWD NOW?**

The following rules apply to students who have earned a degree:

- No student may earn the same degree more than once, even if it has a different major.
- No student may earn a degree with a major, and then come back after the degree is awarded and add a second major or a minor.

Academic Policies & Procedures

Academic policies and procedures have been developed and approved by faculty to govern and facilitate student academic progress. These policies and procedures exist for undergraduate students, all graduate students, master's degree students, master's thesis students, and doctoral degree students.

Courses

Current Faculty

To learn more about School of Public Health faculty please visit the [directory](#).

Faculty Emeriti

To learn more about School of Public Health emeriti faculty please visit the [directory](#).

Faculty

The School of Public Health-Bloomington has more than 200 full-time faculty members. They are internationally known for their research and leadership contributions in the fields of applied health; environmental and occupational health; kinesiology; health & wellness design; epidemiology; and biostatistics. Faculty research explores a broad range of topics from factors that contribute to movement science, to healthy lifestyle choices and personal health, and to environmental issues.

Careers

Sources of potential employment for program graduates are numerous and varied and include public health agencies; public and private schools and colleges; local, state, and federal agencies; international agencies; voluntary health agencies; professional associations; clinics, hospitals, and private health care facilities; business; industry; and the military. Prospects for employment are excellent, especially if the individual is willing to relocate. The department actively gathers placement opportunities and information for students in their fields through its Placement and Career Services. [Read more.](#)

Description of Program

The Department of Applied Health Science at Indiana University is one of the oldest, most respected professional and academic degree granting entities in the United States. The department offers study in dietetics, human development and family studies, nutrition science, public health, safety management, youth development, and school and college health education. It has one of the most highly respected health behavior doctoral programs in the nation, and the MPH program has two Department of Applied Health Science concentrations, including Social, Behavioral and Community Health, which is among the best of approximately 300 similar programs nationwide.

Faculty

A comprehensive list of department faculty is available [here](#).

Applied Health Science

- Faculty
- Description of the Program
- Areas of Specialization
- Degree Programs
- Careers
- Scholarly Inquiry
- Research, Instructional, and Service Projects

Academic Programs

Academic programs currently available in the Department of Applied Health Science

Undergraduate Academic Programs

Certificate in Safety Management

Bachelor of Science in Applied Health Science Degree Majors:

Dietetics
Health Education-Secondary Teacher Preparation

Human Development and Family Studies
Nutrition Science
Safety
Youth Development

Bachelor of Science in Public Health - Community Health Degree

Optional Undergraduate Minors:

Gerontology
Human Development and Family Studies
Human Sexuality
Nutrition
Obesity and Health
Public Health
Safety
Youth Development

Graduate Academic Programs

Online Graduate Certificates:

Gerontology and Health
Public Health
Safety Management

Master of Public Health Degree (M.P.H.)

Behavioral, Social, and Community Health
Public Health Administration

Master of Science in Applied Health Science Degree Majors:

Nutrition Science
Safety Management
School and College Health Education

Doctor of Philosophy (PhD.) Degree Major:

Health Behavior

Doctoral Minors:

Addictive Behaviors
Health Behavior
Health Promotion
Human Development and Family Studies
Human Sexuality Education
Nutrition Science
Public Health
Public Health and Aging
Safety Management
School and College Health Education

Research, Instructional, and Service Projects

In addition to offering a variety of courses and degree programs, the department is continuously involved in a number of innovative research, instructional, and service projects that include the following:

- **Center for Health and Safety Studies** provides support services to the university community, to the profession, and to the state of Indiana through conferences, research projects, and the management of grants and contracts.
- **Center for Minority Health** has the mission of research, outreach, programming, and training with regard to public health and health disparities.
- **Center for Sexual Health Promotion** is a collaborative effort of sexual health scholars from across the IU campuses and strategic partner academic institutions around the globe. These scholars, in partnership with practitioners from

community-based health organizations, government, and industry, work toward advancing the field of sexual health through research, education, and training.

- **Center for Student Leadership Development**
The center works with existing student leaders who volunteer their time to influence and be involved with their student organizations as well as develop and deliver both academic courses and special extracurricular experiences that expand students' leadership skills and capacities.
- **Indiana University Institute for Drug Abuse Prevention** is directed by faculty in the Department of Applied Health Science and provides a research and service infrastructure for a wide range of drug prevention grants and contracts.
- **Prevention Insights** is a statewide clearinghouse of prevention technical assistance and information about alcohol, tobacco, and other drugs, funded in part by a contract with the Indiana Family and Social Services Administration, Division of Mental Health and Addiction. The mission of the center is strengthening a behavioral health system that promotes prevention, treatment, and recovery.
- **Rural Center for AIDS/STD Prevention** has, as its major focus, the promotion of AIDS/STD prevention in rural America.
- **Tobacco Control and Wellness Research Working Group** provides advanced training to graduate students interested in tobacco control and wellness research. Its goals include cultivating tobacco control and wellness research partnerships between faculty and graduate students.

Scholarly Inquiry

The Department of Applied Health Science has a longstanding commitment to scholarly inquiry in a broad spectrum of areas emphasizing health promotion and prevention of health problems. Research and creative activity in the department include both basic and applied work in intervention program planning and development, program evaluation, and evaluation research as well as examination of lifestyle and health behaviors related to nutrition; exercise; stress; alcohol, tobacco, and other drug abuse; individual development and family health; communicable disease (including HIV); human sexuality, health disparities, and other critical issues. Faculty and students engage in a variety of scholarly dissemination activities, including preparation of articles, textbooks, technical reports, and other publications and regularly present scholarly papers at regional, national, and international conferences. Numerous faculty members have received professional recognition and major awards for their scholarly productivity.

Areas of Specialization

The department offers comprehensive curricula of undergraduate and graduate degree programs and courses that emphasize the importance of education in the prevention of personal and family problems related to lifestyle and health behavior. Seven areas of specialization are available to the student:

- **Dietetics** is the profession of utilizing food and nutrition science to both prevent and treat disease and promote a healthy lifestyle. Students learn to

practice the principles of nutrition, food science, and food management in an applied setting. The curriculum meets standards established by the Commission on Accreditation of Dietetics Education (CADE) of the American Dietetic Association (ADA) for the Didactic Program in Dietetics (DPD).

- **Human development and family studies** specializes in the examination of human well-being and behavior from the perspective of lifespan development, and within the context of the intimate environment of the family. As an applied field, it focuses on the illumination of relationships and behavior through application of theories on family and human development.
- **Nutrition science** integrates the understanding of nutrition with physical and life sciences to promote healthy lifestyles. It has become an increasingly popular academic pursuit for IU pre-med, pre-dental, and pre-physician assistant students. Nutrition science provides a thorough background in advanced science courses preparing not only nutrition-savvy medical professionals, but also nutrition educators and researchers.
- **Public health** focuses on assessing, understanding, and responding to the social, behavioral, and ecological factors that influence the health of communities throughout the world along with managing the systems that are responsible for protecting the public's health. Public health professionals work with individuals and communities through government agencies, nonprofit organizations, hospitals, and corporations. Fully accredited by the Council on Education for Public Health (CEPH), the MPH program has two Department of Applied Health Science concentrations, which include behavioral, social, and community health and public health administration. Each MPH concentration includes core classes in public health assessment, evidence-based approaches to public health, population health determinants, and public health policy and politics.
- **Safety and safety management** programs develop the skills and professional competencies to support workplace safety and health programs and efforts in both public and private organizations. This program promotes the increasingly important area of safety and health in today's technological workplace through education; hazard identification, evaluation, and control; and risk management. Safety professionals are the leaders in protecting corporate resources and workers' lives.
- **School and college health education** provides comprehensive and coordinated programs that promote the health of children and young adults. Students accrue professional skills required to design, deliver, and assess effective health instruction in schools and colleges. Undergraduate students can earn secondary teacher certification in a joint program with the School of Education. The graduate program allows for advanced study, focusing on leadership roles in school health programs and university health centers.
- **Youth development** prepares students for the professional delivery of services which focus on the infant, child and adolescent across all ability levels and within the family, community context.

Required courses build a strong foundation to serve youth through integration of key professional topics including: professionalism, cultural and human diversity, applied human development, relationships and communication, and program development.

Careers

Graduates with an M.P.H. degree in environmental health may be employed as air pollution specialists; drinking water and ground water specialists; food safety specialists; hazardous waste specialists; industrial hygienists; solid waste specialists; toxicologists; among others. Potential employers for program graduates are numerous and varied and include city, county, and state health agencies; environmental consulting agencies; federal government; international health agencies; nonprofit agencies; higher education; and military. In addition to the training included in the M.P.H. program, M.S. degree in environmental health will better prepare graduates for a research-oriented career. According to the Bureau of Labor statistics, environmental specialist and scientists have a median pay of \$73,230 in 2020, and the jobs in this area are expected to increase by 8% from 2020 to 2030, making prospects for employment excellent. Graduates with a Ph.D. degree in environmental health are prepared for careers as research scientists in government agencies, private industry as well as higher education.

Description of Department

The Department of Environmental and Occupational Health is committed to understanding how environmental factors impact human health. The department is engaged in multidisciplinary research, teaching and service in Indiana, nationally and globally. We offer a rigorous academic training program in environmental health with B.S.P.H. in Environmental Health, M.P.H., M.S., and Ph.D. degrees, and postdoctoral training. We seek to provide students with the necessary skills and knowledge in a variety of topics, including toxicology, occupational health, global environmental health, and human/environment interactions, and health risk assessment to identify and solve environmental health challenges locally and globally.

Faculty

A comprehensive list of department faculty is available [here](#).

Environmental Health

- Faculty
- Description of the Program
- Areas of Specialization
- Degree Programs
- Careers
- Scholarly Inquiry
- Research, Instructional, and Service Projects

Academic Programs

Academic programs currently available in the Department of Environmental and Occupational Health include:

Undergraduate Academic Program

Bachelor of Science in Public Health: Environmental Health Degree

Optional Undergraduate Minor:

Environmental Health

Graduate Academic Programs

Master of Public Health (M.P.H.) Degree Major:

Environmental Health

Master of Science (M.S.) Degree Major:

Environmental Health

Doctor of Philosophy (Ph.D.) Degree Major:

Environmental Health

Research, Instructional, and Service Projects

In addition to offering a variety of courses and degree programs, the department is continuously involved in a number of innovative research, instructional, and service projects that include the following:

- **Oxidative Stress and Environmental Analysis Core Laboratory** This facility is equipped with modern analytical equipment (e.g. LC-MS/MS, GC-ECD), capable of quantifying environmental chemicals in both environmental sources and human samples, as well as biomarkers of exposure to pollutants that may impact human risk for disease development. Quantitation of environmental pollutants and by-products associated with exposure to such contaminants provides insight into how human activities impact the health of the environment, and whether these activities adversely affect human health.
- **Investigative Toxicology and Pathology Laboratory** The Investigative Toxicology and Pathology laboratory is located in the Klaunig lab in the innovation center on the IU Bloomington campus. The major theme of the laboratory is using hypothesis-generated experimental approaches including molecular, cellular, and whole body approaches to resolving mechanisms of toxicologic and pathologic chemically-induced injury. The lab has been continually funded from extramural sources including the NIH, USEPA, DOD, and nonfederal sources since the mid-1980's. Our research has been devoted to understanding the mechanisms by which pharmaceutical, other chemical agents, and physical agents impact normal cellular and organ function. Our approach continues to be from the whole body to the molecular level; with the ultimate endpoint being the development of scientifically based human risk assessment. Please visit our Website (Klauning.com) for more information about current and past projects, our publications, current lab personnel, and lab alumni.
- **Global Environmental Health Laboratory** The mission of this facility is to conduct basic and applied interdisciplinary research focused on the environmental health challenges affecting rural and urban communities in Indiana, the U.S., and abroad, especially Latin America. In addition to our main lab in the IU School of Public Health-Bloomington, we maintain two field sites in northern Ecuador, one in the capitol city of Quito and the other in a rural tropical rainforest area.

One of the lab's major research lines is focused on the effects of air pollutant exposure on

systemic inflammation, cardiorespiratory function, and other human health outcomes. Another major research line involves infectious disease epidemiology, prevention and control, especially TB, Leishmaniasis, Chagas', and other parasitic diseases of public health importance. This work includes development and testing of anti-Leishmania vaccines, vector and reservoir ecology, and studies looking at the effect of climate change on infectious dynamics. Other important research lines in the lab include studies of the impact of food insecurity on nutrition and health status, and the musculoskeletal and other occupational health challenges of agricultural workers.

- **Computational Risk Assessment Laboratory**
The CRA Lab focuses on advancing mathematical and computational modeling approaches to support chemical risk assessment and promoting use of the advanced methods in practical risk assessment. A number of high-impact research projects are being carried out in the lab, including the development of Bayesian benchmark dose (BBMD) modeling system, risk assessment of inorganic arsenic to support regulatory decision making, toxicity evaluation of pesticides mixtures. Most of the research projects in the lab are supported by external organizations, such as US EPA and NIH.

Scholarly Inquiry

The Department of Environmental and Occupational Health is committed to scholarly inquiry in areas emphasizing environmental factors and their influence on human health. Research and creative activity in the department include both basic and applied work in oxidative stress, carcinogenesis, pharmacological impacts on organ function and disease, occupational chemical exposure, and effects of natural environments on human health. In addition to research projects, faculty members engage in a variety of other scholarly activities, including preparing articles, textbooks, and other publications. Faculty members are frequently asked to present scholarly papers at regional, national, and international conferences and serve on state and national advisory panels and committees.

Areas of Specialization

The Department of Environmental and Occupational Health offers both undergraduate and graduate curricula. The Bachelor of Science in Public Health: Environmental Health degree prepares students to assess, understand, and respond to behavioral and ecological factors which influence the health of communities throughout the world. Comprehensive curricula of graduate degree programs and courses emphasize the importance of human/environment interactions as well as environmental risks to human health.

Careers

Epidemiology

Graduates with training in epidemiology rank in the top tier of best-paid healthcare workers, according to 2013 job rankings in US News and World Report (<http://money.usnews.com/careers/best-jobs/epidemiologist>). The Bureau of Labor Statistics has predicted employment growth in this field at almost 36% between 2010–

2020; exceeding the average for all occupations. Epidemiologists can be found in local, state, and federal government, businesses, especially insurance companies, pharmaceutical companies, and businesses that develop medical devices, hospitals, outpatient care centers, universities, and health foundations. A Master of Public Health (MPH) degree in epidemiology can lead to careers such as:

- Disease Surveillance Manager
- Health Data Analyst
- Epidemiologist
- Researcher

The graduate with a doctoral degree in epidemiology is prepared for a career as an independent researcher, academician, or practitioner of epidemiology. Graduates from the doctoral program may receive additional research training in postdoctoral positions at a university, research institute or federal research agency, then pursue careers as professors at universities or researchers or executive leaders in places such as the Centers for Disease Control and Prevention, the National Institutes of Health, the World Health Organization, or in the healthcare or pharmaceutical industry.

Biostatistics

Graduates with training in biostatistics are needed for development of statistical methodology and analysis and interpretation of data used in biomedical sciences and public health. Biostatisticians are employed throughout the full range of health-related systems, including, pharmaceutical and healthcare industry, public health departments, hospitals, insurance and other health administrative entities, and universities. The biostatistician provides strategic and scientific leadership for the design and development of clinical programs and associated clinical trials for therapeutic areas or compounds. The biostatistician may define the data analysis methodologies, direct implementation of methodologies and interpretation of the resulting findings, and craft and communicate key messages to internal audiences and selected external audiences. The biostatistician may also interact with regulatory agencies on matters related to the data from clinical programs or trials. The job market in this area is expected to grow 14% from 2010 to 2020 (Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2012–13 Edition, Statisticians, see <http://www.bls.gov/ooh/math/statisticians.htm>).

Description of Program

The Department of Epidemiology and Biostatistics offers the following degrees: BSPH in Epidemiology, Master of Public Health degree with concentrations in Epidemiology and Biostatistics, and a Ph.D. in Epidemiology. These programs are designed to prepare students in quantitative and analytical skills in epidemiology and biostatistics. The doctoral program in Epidemiology offers rigorous training in epidemiologic methods and prepares students to become independent investigators who can lead population- and clinically-based research.

Faculty

A comprehensive list of our department faculty is available [here](#).

Epidemiology and Biostatistics

- Faculty
- Description of the Program
- Areas of Specialization
- Academic Programs
- Careers
- Scholarly Inquiry
- Research, Instructional, and Service Projects

Academic Programs

Academic programs currently available in the Department of Epidemiology and Biostatistics include:

Undergraduate Academic Program

Bachelor of Science in Public Health - Epidemiology Degree

Optional Undergraduate Minor:
Epidemiology

Graduate Academic Programs

Master of Public Health (M.P.H.) Degree Major:
Epidemiology

Master of Science (M.S.) Degree Major:
Biostatistics

Doctor of Philosophy (Ph.D.) Degree Major:
Epidemiology

Research, Instructional, and Service Projects

In addition to offering a variety of courses and degree programs, the department is involved in a number of innovative research and service projects including: Please find more information on topics of research at IU SPH <https://publichealth.indiana.edu/research/index.html> or on individual [faculty profiles](#).

Biostatistics Consulting Center

The Biostatistics Consulting Center (BCC) in the Department of Epidemiology and Biostatistics provides a wide range of support and services through collaborative research, including biostatistics and epidemiology consulting to faculty, staff, and students within and outside the School of Public Health to support health-related research. BCC has expertise in a wide range of statistical/epidemiological methods, including study design, data collection, analysis and interpretation. <http://biostats.indiana.edu>

Scholarly Inquiry

The Department of Epidemiology and Biostatistics is committed to scholarly inquiry across the fields of public health and related biomedical sciences. A key feature of research in this department is the interdisciplinary nature, with an integrated approach that capitalizes upon epidemiological principles related to understanding the complex causes of health problems, and the development of prevention and treatment strategies. Scholars advance research agendas that contribute to the understanding of the etiologies and determinants of disease, disease prevention, treatment and wellness. Research efforts are carried out in collaboration with investigators from other disciplines across schools and universities. Our research involves the application of epidemiological concepts and statistical theory and methods to the study design, the

collection, analysis and interpretation of public health and biomedical data. Faculty and graduate student research in our department includes epidemiology in studies of cardiovascular disease, cancer, diabetes, obesity, infectious diseases, nutrition, and physical activity, and, biostatistics methods and applications in bioinformatics, statistical genetics, high-dimensional data analysis, and survival data analysis.

Areas of Specialization

The Department of Epidemiology and Biostatistics offers one Bachelor of Public Health degree, two Master of Public Health programs, and one doctoral path of study. These programs aim to prepare students to become effective investigators involved in study design, data collection, analysis and interpretation of population- and clinically-based research.

- The Epidemiology Program offers training for B.S.P.H., M.P.H. and Ph.D. degrees. The B.S.P.H. in Epidemiology features required courses in the five core areas of public health, along with an epidemiology major component including disease surveillance, study design, data collection and analysis, risk factor identification, and interpretation of findings from research studies. A capstone field experience provides students with opportunities to apply learned skills and competencies, and to fine tune professional behavior and communication. Students completing this degree will be well positioned to begin employment as epidemiologists, or to pursue an advanced degree. The Master of Public Health in Epidemiology emphasizes epidemiologic methodology and the design and analysis of epidemiologic and medical studies. This program is full-time with three semesters of coursework and a one-semester internship. Upon completion of the MPH degree, students will be prepared to begin careers on epidemiology research teams in government, institutes, universities or industry. In addition, these students are prepared to continue on to a doctoral program or professional school. The doctoral training in epidemiology prepares students to become independent and effective investigators and to be able to lead population- and clinically-based studies. The doctoral training can be distinguished from the Master's training by the additional training in advanced epidemiological methods and completion of several research projects culminating in the preparation and defense of the doctoral dissertation.
- The Biostatistics Program offers an MS and PhD in Biostatistics. The MS program provides students with a background in theoretical and applied biostatistics, including data collection and management, data analysis, interpretation of statistical analysis results. Graduating students will be well-qualified for positions as statistical analysts in academic research departments in medical schools and schools of public health or in the pharmaceutical, insurance or health care consulting industries. The program is full time with 3 semesters of coursework and a one semester internship. The doctoral training in biostatistics prepares students to become independent and successful investigators and to be able to lead biostatistical methodology

development and application of existing biostatistical methods to public health problems. The doctoral training can be distinguished from the master's training by the additional emphasis on advanced biostatistical methods and the completion of several research projects culminating in the preparation and defense of the doctoral dissertation.

Careers

Majors in Kinesiology are prepared to work in many areas relating to human movement. Each track directs students' focus toward a particular area of study (Biomechanics, Ergonomics, Exercise Physiology, Motor Control, Sport Psychology, or Sport and Coaching Science). Students pursuing the M.S. are well prepared for positions in academic research labs, clinical/rehabilitation settings, private industry, as well as coaching at any level (up to and including professional athletes/teams). Career opportunities can also include research and development of equipment used in the sports industry, research labs, and clinical settings. The M.S. also serves as preparation for pursuing Ph.D. programs.

Description of Program

The Department of Kinesiology offers both undergraduate and graduate curricula. Undergraduates programs include exercise science, fitness and wellness, and sport marketing and management. The Dr. John M. Cooper Graduate Program in Kinesiology (Cooper Graduate Program) offers curricula in applied sport science, athletic training, biomechanics, ergonomics, exercise physiology, motor learning/control, physical activity, and sport management. The department operates human performance research laboratories.

The American Academy of Kinesiology and Physical Education ranked the human performance doctoral program seventh out of 62 programs in the nation. As IU's life sciences initiative moves forward, the Department of Kinesiology is leading the way with a nationally acclaimed program and a strong commitment to life sciences research.

The department offers an extensive program in physical activity instruction that is open to majors as well as students from other departments and/or schools on the Bloomington campus. Included in the elective courses are aquatics, conditioning, dance, fitness, individual sports, martial arts, racquet sports, and team sports.

Faculty

A comprehensive list of department faculty is available [here](#).

Kinesiology

- Faculty
- Description of the Program
- Areas of Specialization
- Academic Programs
- Careers
- Scholarly Inquiry
- Research, Instructional, and Service Projects

Academic Programs

Academic programs in the Department of Kinesiology include:

Undergraduate Academic Programs

Certificate in Martial Arts

Certificate in Underwater Resource Management

Bachelor of Science in Kinesiology Degree Majors:

Exercise Science
Sport Marketing and Management

Bachelor of Science in Public Health: Fitness and Wellness Degree

Undergraduate Minors (Interdepartmental: Kinesiology and Recreation, Park, and Tourism Studies)

Coaching
Exercise Science
Fitness Instruction
Kinesiology
Sport Marketing and Management

Graduate Academic Programs

Master of Public Health (M.P.H.) Degree Major:

Physical Activity

Master of Science in Kinesiology Degree Majors:

Sport and Coaching Science Track
Athletic Administration/Sport Management
Athletic Training
Biomechanics
Ergonomics
Exercise Physiology

Exercise and Sport Psychology
Motor Learning/Control

Doctor of Philosophy (Ph.D.) Degree Major:

Human Performance
with the following Human Performance major emphases: Biomechanics
Exercise Physiology
Motor Learning/Control
Sport Management

Research, Instructional, and Service Projects

Department faculty is involved in numerous service and research projects conducted by its laboratories, centers, and programs. These include the Wynn F. Updyke Center for Physical Activity, the Councilman Center for the Science of Swimming, and the Human Performance Laboratories.

Scholarly Inquiry

The Department of Kinesiology faculty engage in research and creative activity in a variety of areas, including the exercise sciences, sport management, and pedagogy.

Within exercise science, the department supports research in ergonomics, exercise physiology, exercise biochemistry, motor learning, motor control, and biomechanics. Additionally, studies involving the effects of physical activity on special populations have received considerable emphasis. Over the years, funding for these scholarly activities has included such sources as

the National Institutes of Health, U.S. Department of Education, Office of Special Education, the U.S. Olympic Committee, the Athletic Congress, Lilly Endowment, and the Amateur Athletic Union. Faculty and graduate students have presented research reports at various scientific meetings and published their research efforts in scientific journals. Faculty members have also presented and published papers dealing with various topics in sport as viewed from a social science perspective. Research in sport management focuses on sport marketing, sport history, and sociocultural issues in sport. Within these areas, studies examine issues related to sport and consumption of the sport product.

The department has been concerned with the dissemination of new knowledge at all levels. Scholars have been invited to present research colloquia at national and international meetings. Graduate students have been successful in obtaining university teaching and postdoctoral research positions following completion of their doctoral programs.

Areas of Specialization

The Department of Kinesiology offers both undergraduate and graduate curricula. The Bachelor of Science in Kinesiology is offered with concentrations in exercise science, as well as sport marketing and management. Additionally, the department offers a Bachelor of Science in Public Health: Fitness and Wellness. Programs offered by the Department of Kinesiology are interdisciplinary, providing coursework and appropriate practicum experiences that are excellent preparation for specific careers or for preprofessional and graduate school opportunities.

- **Exercise science** prepares students for graduate-level education in areas such as adapted physical education, biomechanics, ergonomics, exercise physiology, and motor learning/control. In addition, programs prepare students for entry into professional/graduate programs in areas such as physical therapy, occupational therapy, medicine, physician's assistant, dentistry, chiropractic, and other allied health fields.
- **Sport marketing and management** prepares students for lower management jobs in the sport industry. Students are also prepared for movement into advanced degree programs in sport management. Sport marketing and management majors complete a comprehensive professional core of sport courses and complement this coursework with an intensive core of business courses.
- **The B.S.P.H. in Fitness and Wellness degree** focuses on the applied science of movement and research-based preparation of a health and fitness professional. Students who choose to study in this program become qualified to seek certification through many NCCA-accredited organizations, including the American College of Sports Medicine (ACSM).

Graduate curricula in the Dr. John M. Cooper Graduate Program in Kinesiology (Cooper Graduate Program) lead to the degrees Master of Public Health in physical activity, Master of Science in kinesiology, and Doctor of Philosophy (Ph.D.) in human performance. A variety of emphasis areas are available for graduate degree

candidates, including applied sport and coaching science, athletic training, human performance, ergonomics, sport management, physical activity, exercise physiology, and fitness and wellness. The Ph.D. program in human performance emphasizes biomechanics, exercise physiology, motor learning/control, and sport management. The department operates human performance research laboratories in these areas.

Careers

The department prepares students for careers in a variety of park, recreation, tourism, and leisure services settings, such as public parks and recreation; youth agencies; recreational sports facilities; hospitals, extended care facilities, and rehabilitation centers; private and commercial recreation; tourism; camping, adventure, and outdoor education; and military recreation.

Description of Program

The Department of Health & Wellness Design is a diverse group of colleagues dedicated to the improvement of the quality of life through leisure. We accomplish this by global academic leadership and excellence in the development and dissemination of a body of knowledge. We offer both undergraduate and graduate curricula. The undergraduate curriculum, leading to the B.S. in Recreation degree, prepares students for positions as recreation activity programmers, planners, and leaders; managers of facilities; supervisors; park and recreation resource managers; and specialists in such areas as tourism management, recreational therapy, public and nonprofit organizations, and outdoor adventure education. The graduate curriculum is for students preparing for careers in recreation, park, tourism and health service administration and management. In addition the doctoral curriculum prepares students for positions in higher education research and teaching.

Faculty

A comprehensive list of department faculty is available [here](#).

Health & Wellness Design

- Faculty
- Description of the Program
- Areas of Specialization
- Degree Programs
- Careers
- Scholarly Inquiry
- Research, Instructional, and Service Projects

Academic Programs

Academic programs in the Department of Health & Wellness Design include:

Undergraduate Academic Programs

Bachelor of Science in Recreation Degree Majors:

Parks, Recreation, & the Outdoors
Recreational Therapy
Tourism, Hospitality, and Event Management

Undergraduate Minors:

Event Planning
Hospitality Services
Outdoor Recreation, Parks, and Human Ecology

Parks and Recreation Administration
Recreational Sport Management
Tourism, Hospitality, and Event Management

Graduate Academic Programs

Master of Science in Recreation Degree (M.S.R.)

Majors:

Outdoor Recreation
Recreation Administration (Online)
Recreational Therapy (Online)
Tourism Management (Online)

Doctor of Philosophy (Ph.D.) Degree Major: Leisure Behavior

In addition to the academic programs listed above, the department offers an intensive semester-long **Conservation and Outdoor Recreation Education (C.O.R.E.)** program. This program combines academic and experiential learning opportunities for undergraduate and graduate students committed to developing their professional training in the fields of outdoor leadership and outdoor recreation. Students will receive 17 undergraduate credits or 12 graduate credits for successful program completion.

Research, Instructional, and Service Projects

Major programs within the department include the following:

- **Aquatic Institute** The institute advances training and education efforts for all areas of aquatics that occur in communities, waterfronts, theme parks and resorts, and other venues. It also houses centers that are geared specifically for the advancement of specific aquatic interests through teaching, research, and service.
- **Center for Sport Policy and Conduct** Founded in 2000, the CSPC provides a platform for researchers in sport management to investigate a variety of issues and concerns while also providing the opportunity for implementing positive changes in the community. Partnerships with community and international organizations have been developed and maintained in an effort to provide strong links that will yield further research and benefits to the community in the areas of youth sport development, violence prevention, and sport policy.
- **Eppley Institute for Parks and Public Lands** The institute provides quality recreational and educational experiences for people through support of agencies and organizations that conserve, protect, and manage natural and cultural resources. The Eppley Institute staff is uniquely qualified to serve park, recreation, and public land management agencies. The Eppley Institute thrives on developing public/private partnerships, customizing training programs, providing applied and fundamental research services, and planning and design for recreation services, parks, public lands, and facilities.
- **Executive Development Program** This midcareer park and recreation program assists executives in keeping abreast of the changing world and in continuing to develop managerial skills.

- **Great Lakes Park Training Institute** Serving park executives and their staffs with up-to-date, hands-on techniques, this institute draws administrators, supervisors, and technicians from municipal, regional, state, and federal agencies in the United States and Canada.
- **Leisure Research Institute** Equipped with the latest in available computer support, this institute provides research support services to students and faculty as well as a focus for departmental research efforts and the expansion of cooperative research projects.
- **The National Center on Accessibility** The center is a national leader in the movement to include people with disabilities in recreation, parks, and tourism. Through its comprehensive services of research, technical assistance, and education, NCA focuses on Universal Design and practical accessibility solutions that create inclusive recreation opportunities for people of all abilities. The NCA is a program of Indiana University's Department of Recreation, Park, and Tourism Studies in cooperation with the National Park Service Accessibility Management Program.
- **Other Research and Service Projects** Graduate and undergraduate students are afforded non-classroom experiences through such programs and park and recreational facilities as:
Bloomington Parks and Recreation Department
Division of Campus Recreational Sports
Indiana Memorial Union
Institute for the Study of Developmental Disabilities
Museums
Outdoor Recreation Consortium
State and national forests, parks, and recreational areas
YMCA Fitness Center and youth agencies

Scholarly Inquiry

Scholarship in the Department of Health & Wellness Design reflects a commitment to increasing the understanding of leisure and recreation at both basic and applied levels. Faculty and students are involved with scholarly research to develop findings that may be applied by practitioners. Illustrative studies on leisure behavior have been those on the leisure behavior of women and physiological indicators of leisure experiences. Examples of applied studies have been investigations to establish national standards for park and recreation systems, to determine travel behavior and decision-making patterns, and to study the effects of outdoor recreation on the behavior of children with disabilities. A second area is the scholarship of teaching, where faculty engage in creative activities such as those funded by recent curriculum development grants from the Administration on Aging and the Department of Education. A third area of applied scholarship is the development of strategic plans for leisure service agencies and the provision of accessibility training for staff members of the National Park Service.

Each graduate faculty member pursues scholarship in a specialty area, in addition to supervising scholarly activities of students. The department has several graduate emphases, including recreation and park administration; outdoor recreation; parks and public lands management; recreational therapy; tourism management; and leisure behavior.

Areas of Specialization

The Department of Health & Wellness Design offers the following undergraduate specializations:

- **Outdoor Recreation, Parks, and Human Ecology** focuses on educating students about outdoor recreation resources and their use. Topics include outdoor recreation, environmental education, interpretive techniques, outdoor adventure education, nature study, recreation resource management, and organized camping.
- **Public, Nonprofit, and Community Recreation** focuses on enhancing the quality of people's lives by helping them participate in challenging and satisfying recreational activities in beautiful settings. Students acquire professional management skills that can be applied in a wide variety of recreation and leisure facilities and programs around the world. Quality courses with small faculty/student ratios and varied fieldwork opportunities guarantee our students an outstanding educational experience.
- **Recreational Therapy** prepares students to assume positions as recreational therapists. Using a variety of techniques, including arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings, therapists treat and maintain the physical, mental, and emotional well-being of their clients. Professionals assess individuals' needs, plan and implement specific interventions to meet those needs, and document and evaluate the effectiveness of the interventions.
- **Tourism, Hospitality, and Event Management** prepares students to enter the world's largest and most diverse industry. Tourism is the business of attracting and catering to the needs and expectations of visitors. Although the tourism industry includes transportation, travel brokers, and food and lodging, students in this program focus on the marketing and management of tourist facilities and destinations. These include government tourism divisions, hotels, resorts, convention centers, theme parks, visitor centers, cruises, and airlines.

Graduate specializations include:

- **Outdoor Recreation** is for students interested in outdoor recreation management, resource management, camping administration, outdoor/environmental education, interpretation, and outdoor leadership.
- **Park and Public Lands Management** is for students interested in stewardship of public lands and management of land-based operations at the national, state, regional, and local levels.
- **Recreation Administration** is for students interested in public agencies, private/commercial agencies, recreational sport administration, or general administration or management.
- **Recreational Therapy** is for students interested in advanced recreational therapy practice working with person with health conditions.
- **Tourism Management** is for students interested in working in administration or management related to the tourism industry.
- **Leisure Behavior** is a Ph.D. degree program designed for graduate students wishing to pursue

careers in higher education research and teaching, as well as professional careers in management and administration.

Departments & Centers

The School of Public Health-Bloomington is composed of the Department of Applied Health Science; the Department of Environmental and Occupational Health, the Department of Epidemiology and Biostatistics, the Department of Health & Wellness Design, and the Department of Kinesiology. Several research and service centers operate within the school, including:

Applied Health Science

- Applied Health Behavior Research Laboratory
- Center for Research on Health Disparities
- Center for Sexual Health Promotion
- Center for Student Leadership Development
- Industrial Hygiene Laboratory
- Institute for Research on Addictive Behavior
- Nutrition Science Laboratories
- Prevention Insights
- Rural Center for AIDS/STD Prevention
- Tobacco Control and Wellness Research Working Group

Environmental and Occupational Health

- Oxidative Stress and Environmental Analysis Core Laboratory

Epidemiology and Biostatistics

- Study Design and Data Analysis Consulting Center

Kinesiology

- Counsilman Center for the Science of Swimming
- Human Performance Laboratories
- Athletic Training Facilities
- Underwater Science Laboratory
- Wynn F. Updyke Center for Physical Activity

Health & Wellness Design

- Aquatic Institute
- Executive Development Program
- Leisure Research Institute

Close working relationships are maintained with other schools, institutes and centers on the campus, and programs on other IU campuses. Examples include the Karl F. Schuessler Institute for Social Research, the Kinsey Institute, and the Department of Economics, among many others.

Academic Advising

An academic advisor is assigned to each student upon admission to the School of Public Health-Bloomington. Because the advisor-student relationship is so beneficial to the student's academic progress and career planning, each student in the school is required to meet with his or her assigned School of Public Health-Bloomington academic advisor each term before registering for classes. During these meetings, a student and advisor identify the courses in which the student will enroll for the following term.

Students seeking certificates, baccalaureate degrees, and master's degrees may use online academic advisement reports and degree requirement tab sheet summaries as effective tools to track academic progress. Academic advisement reports (AAR's) are available to admitted Indiana University students at <https://one.iu.edu>. AAR's allow Indiana University students to view their completed and enrolled course credits in a context that shows completed academic program requirements, as well as those requirements that remain unfinished.

In addition, requirements for each degree program are summarized on Course Requirement Summaries, available at <https://uisapp2.iu.edu/confluence-prd/pages/viewpage.action?pageId=510820884>, or in printed form in the School of Public Health-Bloomington Records Office in SPH 123. The Course Requirement Summary for each academic program specifies the total credit hours required completion of the degree, courses to be taken, GPA requirements, suggested electives, and other information. These advising tools are used by students and their academic advisors to guide the selection of courses and monitor progress. Adhering to stated requirements is the student's responsibility.

A doctoral student will have coursework individually prescribed by the student's faculty advisory committee. Doctoral students must meet with their academic advisors to determine the sequence in which to enroll in the prescribed courses.

Alumni Association Board

The school's alumni association board is dedicated to enriching the lives of alumni through tangible services, meaningful relationships, continuing education opportunities, and active involvement with the School and Indiana University. It exists:

- To be an active participant in implementation of school plans.
- To sponsor special events and social activities of interest to alumni and friends.
- To offer lifelong learning opportunities for our alumni and friends.
- To celebrate the lives and accomplishments of our faculty, staff, students, alumni, and friends and to communicate their messages of living well through healthy lifestyles.
- To link current students with alumni and friends of the university.

Assessment of Student Learning

In preparing students to face the important individual and societal wellness challenges and demands of tomorrow, the faculty of the School of Public Health-Bloomington strives to provide the highest-quality undergraduate and graduate academic programs in the nation. Assessment of student success is a formalized, ongoing, dynamic process that demonstrates accountability in the achievement of the school's academic mission. The assessment process helps students and professors judge the mastery of the learning outcomes that are specified in the school's assessment plan for each academic program. In addition to knowledge of content, other outcomes assessed by faculty involve student skills in oral and written communication, analysis, critical thinking, judgment, problem solving, decision making, interaction,

and leadership. The faculty values assessment as a basis for improvement of the curriculum, courses in the majors, and enhancement of the quality of teaching. The central test of teaching is student learning.

School of Public Health-Bloomington Awards & Scholarships

A variety of awards and scholarships are available for admitted undergraduate and graduate students in the School of Public Health-Bloomington. Eligibility criteria for these awards vary. Some of these considerations include demonstration of academic excellence, leadership in extracurricular activities, and financial need. Students are encouraged to discuss these award and scholarship possibilities with their academic advisors. Award amounts vary, based on funding availability. For more information, visit publichealth.indiana.edu/student-portal/financial-support/scholarships/index.html.

Career Services

Each academic department actively provides career resources and services for students in their fields. Services include career exploration, job search assistance and resources, resume and cover letter development, interview preparation, internship coordination, workshops, employer information sessions, on-campus interview opportunities, networking events, and job fairs. Contact your major department office or your academic advisor for more details.

Dean's Alliance

Under the leadership of Dean David B. Allison, the Dean's Alliance is charged with providing assistance to enhance the quality, reputation, and financial strength of the School as well as providing support to students, faculty, and programs.

Specifically, the alliance:

- Aids the dean in defining and realizing the institutional goals of the school;
- Serves as ongoing consultants to the school as strategies are revised and created;
- Undertakes committee assignments where members' individual expertise or influence can be beneficial to the school;
- Utilizes members' experiences and insight to develop and support ways and means of advancing the presence of the school in the state of Indiana, the region, the nation, and around the world; and
- Plays an important conceptual role in enhancing fundraising efforts by assisting the school to make key contacts.

Organizations & Services

The School of Public Health-Bloomington exists to meet the needs of a health-conscious society. Our faculty, staff, students, and alumni provide a diverse variety of services to one another and to the public. This academic bulletin describes organizations and services related to the academic mission of the school.

Office of Public Health Practice

The mission of the Office of Public Health Practice is to advance current and future public health professionals' knowledge, skills, and expertise through strategic

capacity building, applied experiences for students, and leveraging academic resources to meet community needs. The Office of Public Health Practice oversees the workforce development, community engagement, and [CEPH](#) accreditation for the school. Learn more at publichealth.indiana.edu/about/offices/index.html.

Student Organizations

Students are encouraged to participate in the student organizations of the School of Public Health-Bloomington. For more information on organizations, membership eligibility, and activities, contact the department or division in which the organization is listed. Some of these organizations are:

School of Public Health-Bloomington Undergraduate Student Advisory Council

The Dean's Undergraduate Student Advisory Council consists of a cross-section of undergraduate representatives from all SPH-B academic departments and serves to advise and assist the dean on matters of strategic importance to the school. Specifically, it exists to render advice to the dean and/or his designates on matters related to planning, and decision-making involving issues of strategic importance to undergraduate students; to assist with recommending, planning, and sponsoring special events and social activities of interest to students; and to link current students with alumni and friends of the university.

School of Public Health-Bloomington Graduate Student Advisory Council

This council is composed of two representatives from each SPH-B academic department, appointed annually by the departments to discuss issues of interest to their student constituents within the school. This council also serves in an advisory capacity to the dean.

Public Health Student Assembly

The Public Health Student Assembly is the student organization that represents the interests of students enrolled in public health degree programs. The PHSA is open to all students in the School of Public Health-Bloomington and provides students with opportunities to participate in governance and program decision-making. Members are also involved in professional opportunities, leadership activities, and social events that enhance the student experience.

School of Public Health-Bloomington International Club

The School of Public Health-Bloomington International Club fosters academic and social support for international students and facilitates contact among the School's students, faculty, and alumni.

Applied Health Science Student Organizations

American Society of Safety Engineers
Eta Sigma Gamma—Nu Chapter (the national health science honorary)
Indiana University Dietetics Club

Kinesiology Student Organizations

Association of Student Sport Management Professionals
Kinesiology Club
Student Athletic Training Council

Health & Wellness Design Student Organizations

Graduate Recreation Society
Outdoor Recreation Club
Recreational Therapy Club
Tourism Management Club

Office of International Affairs

The Office of International Affairs facilitates international programming and [global health partnerships](#) for the IU School of Public Health-Bloomington. Their [study abroad](#) programming includes student exchange and faculty-led study tours, as well as activities for our international students. The [visiting scholar program](#) supports international, collaborative research by matching international visiting scholars and faculty hosts with similar interests. Learn more at publichealth.indiana.edu/about/offices/index.html.

Public Health-Bloomington Bulletin

Administration

School of Public Health - Bloomington

- David B. Allison, Ph.D., *Dean*
- NiCole R. Keith, Ph.D., *Executive Associate Dean*
- Michael S. Willett, Ed.D., *Executive Assistant Dean for Academic Affairs and Enrollment*
- Jon T. Macy, Ph.D., *Assistant Dean for Graduate Education*
- Kelli K. Ryckman, Ph.D., *Associate Dean of Research*
- Jerono P. Rotich, Ph.D., *Associate Dean for Organizational Climate, Inclusion, and Belonging*
- Maria A. Parker, Ph.D., *Interim Assistant Dean for Undergraduate, Graduate, and Postdoctoral Research*
- James D. Gibson, M.A., *Assistant Dean for Student Academic Affairs*
- Susan E.C. Simmons, Ph.D.,
- Samantha J. Tirey, MPA, *Assistant Dean for Finance*
- Amaury C. de Siqueira F., Ph.D., *Assistant Dean for Education and Strategic Innovation*

Departmental Chairpersons

- Eric Walsh-Buhi, Ph.D., *Chairperson, Department of Applied Health Science*
- Patricia Silveryra, Ph.D., *Chairperson, Department of Environmental and Occupational Health*
- Grace Sembajwe, Ph.D., *Interim Chairperson, Department of Epidemiology and Biostatistics*
- Ellen Evans, Ph.D., *Chairperson, Department of Kinesiology*
- Richard Holden, Ph.D., *Chairperson, Department of Health & Wellness Design*