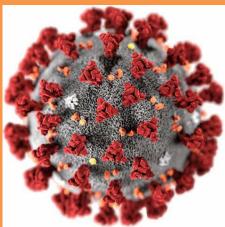
# MASTER OF PUBLIC HEALTH 2022-2023 STUDENT HANDBOOK

# College of Public Health & Health Professions UNIVERSITY of FLORIDA







# SHAPING TOMORROW'S HEALTH...Today!

Master of Public Health Program
HPNP BLDG • 1225 Center Drive • Gainesville, FL 32610-0195





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#### WELCOME!

Welcome to the Master of Public Health Program! Here you will develop the necessary skills to have far-reaching effects on health, especially with those most in need. Whether you choose to conquer an infectious disease, fight bioterrorism, influence health policies, or tackle disparities in access to healthcare, you will find the tools you need in Public Health! In the MPH program at UF, students are admitted into one of six concentrations — biostatistics, epidemiology, environmental health, population health management, public health practice, or social and behavioral sciences — to explore and develop your career as a leader in public health.

This *Student Handbook* has been assembled to assist you in matriculating through the program. It includes important instructions and resources you will need to successfully complete your degree requirements. Please also review the University of Florida <u>Graduate Catalog</u> and the <u>Graduate Student Handbook</u> for this academic year. The <u>UF MPH website</u> is an excellent resource where you can go to access the most current information (hint: check out the <u>Current Students</u> section!). You are responsible for completing all academic requirements by the deadline dates and times established by the University. Published information regarding these deadlines each semester is available from the program and/or the <u>UF Graduate School</u>.

Our very best wishes as you embark on this new stage of your career. We stand ready to assist you in every way we can. Please do not hesitate to consult with any of us as questions and issues arise.

MPH Program Faculty and Staff

# **Key Contacts for MPH Students**

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#### **COLLEGE OVERVIEW**

The Master of Public Health Program is offered by the College of Public Health and Health Professions (PHHP), one of six colleges that comprise the University of Florida Health Science Center (HSC). The other HSC colleges are Dentistry, Medicine, Nursing, Pharmacy, and Veterinary Medicine. Established in 1958, the College was the first of its type in the United States dedicated to educate students of many different health professions in an academic health center. In 2003, the College expanded beyond its original focus on health professions to embrace public health as integral to its mission and goals. We envision our long history of national leadership in the education of health professionals to continue far into the future through development and application of innovative models of education, research, and service that derive from collaboration among public health disciplines and the health professions.

#### **PHHP Guiding Statements**

#### **Purpose**

Advance and integrate education, research, and service to meet ongoing and emerging local, regional and global health challenges.

#### Mission

We shape tomorrow's public health and health professionals through dynamic and responsive educational programs, transformational research, groundbreaking discoveries, and equitable health-related service. Our collaborations within the College and beyond advance the breadth of knowledge, the quality of science, and the attainment of professional distinction.

#### Vision

We will excel in developing and delivering innovative, sustainable solutions to pressing health-related challenges for the greater good of individuals and communities in Florida, the nation, and the world.

#### **PHHP Values**

- Collaboration
- · Diversity & Inclusion
- Excellence
- Integrity
- Respect
- Social Responsibility
- Wellness

#### Strategic plan

College of Public Health and Health Professions strategic plan presentation

#### **Organizational Structure**

The College is comprised of the dean's office, nine departments, and eleven centers. The Master of Public Health program is administered by the dean's office, in collaboration with the departments of Biostatistics; Environmental and Global Health; Epidemiology; and Health Services Research, Management and Policy, which also houses the Social & Behavioral Science program.

#### **PHHP Deans**















# **Administrative Units**

	Key Contacts	Phone Number
<b>Department of Biostatistics</b> Oversees biostatistics concentration in the MPH program; offers MS and PhD in	Chair: Peihua Qiu, PhD	294-5911
Biostatistics	MPH - Biostatistics Concentration Coordinator: Robert Parker, PhD	294-5906
<b>Department of Environmental &amp; Global Health</b> Oversees environmental health	Chair: Tara Sabo-Attwood, PhD	294-5293
concentration in the MPH program; offers MHS in One Health, PhD in Public Health (One Health), and PhD in Public Health (Environmental Health)	MPH - Environmental & Global Health Concentration Coordinator: Song Liang., PhD	273-9203
<b>Department of Epidemiology</b> Oversees epidemiology concentration in the MPH program; offers MS and PhD in	Chair: Stephen Kimmel, MD, MSCE	273-5468
Epidemiology	MPH - Epidemiology Concentration Coordinator: Krishna Vaddiparti, PhD, MSW	273-5746
Department of Health Services Research, Management & Policy Oversees Population Health Management and Social & Behavioral Science concentration in the MPH program; offers MHA and PhD in Health Services Research	Chair: Lee Revere, PhD. MS	273-6377
	MPH - Population Health Management Concentration Coordinator: Ara Jo, PhD	273-6539
	MPH - Social & Behavioral Science Concentration Coordinator: Lindsay King, PhD	273-6064

# **Academic Programs**

The College's commitment to improvements in all aspects of health is reflected in the variety of bachelor's, master's, and doctoral programs available.

Bachelor's Programs	Degree
Health Science, Communication Sciences and Disorders	Bachelor of Health Science (BHS)
Health Science, Health Science track	Bachelor of Health Science (BHS)
Health Science, Pre-OT track	Bachelor of Health Science (BHS)
Public Health	Bachelor of Public Health (BPH)
Master's Programs	Degree
Biostatistics (campus & online)	Master of Science (MS)
Epidemiology	Master of Science (MS)
One Health (campus & online)	Master of Health Science (MHS)
Health Administration	Master of Health Administration (MHA)
Communication Sciences and Disorders	Master of Arts (MA)
Occupational Therapy	Master of Occupational Therapy (MOT)
Public Health	Master of Public Health (MPH)
Biostatistics Concentration	
Environmental Health Concentration	
Epidemiology Concentration	
Population Health Management Concentration	
Public Health Practice Concentration (campus & online)	
• Social & Behavioral Science Concentration (campus & online)	
- Boelar & Benavioral Belefice Concentration (campas & online)	
Doctoral Programs	Degree
Doctoral Programs Audiology	Doctor of Audiology (AuD)
Doctoral Programs Audiology Occupational Therapy	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy Rehabilitation Science	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT) Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology Graduate Certificate Programs	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology  Graduate Certificate Prog	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Tams
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health • Environmental and Global Health Concentration • Health Services Research Concentration • One Health Concentration • Social and Behavioral Sciences Concentration Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology Graduate Certificate Programs	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT) Doctor of Philosophy (PhD) Doctor of Philosophy (PhD) Tams

#### PUBLIC HEALTH PROGRAM OVERVIEW

The MPH Program is administered through the College of PHHP's Dean's Office; and MPH concentrations are housed in the departments of Biostatistics, Environmental and Global Health, Epidemiology, and Health Services Research, Management and Policy.

MPH students declare a concentration area when they apply to the program. Upon enrollment, they track through the approved concentration area of their choice. Each concentration has a coordinator who serves as the liaison between that concentration and the MPH program, and is responsible for applying program policies in the concentration. Working from the templates provided within each concentration portion of this handbook, MPH students consult with their assigned MPH Academic Advisor to draft individualized plans of study. Once a student is two semesters away from starting their internship, they are assigned a faculty advisor from one of the five primary concentration areas. Students in the Public Health Practice concentration are also assigned to a faculty advisor from an appropriate concentration area, with the exception of DVM-MPH students who are assigned to Dr. Traci Krueger, adjunct professor with the MPH program.

Each concentration allows a different array of options for elective courses, and faculty will often approve new courses to meet elective requirements.

Using their plans of study created with their Academic Advisor, students in the MPH program self-register via the <u>Student Self Service Center</u>. Students with difficulty registering should contact the MPH Program Academic Assistant. Starting on the first day of each semester, students will use the <u>UF eLearning System Canvas to access their courses</u>. (Note: courses do not open until the first day of each semester.)

# **How the MPH Program Works**

The MPH program is offered in four different formats. All students will complete either the traditional 48-credit MPH program, or the accelerated 42-credit MPH (only for qualified health professionals). The MPH program also has collaborative programs with other bachelors, masters and doctoral degrees on UF campus.

In each format, students may concentrate in one of the five core areas of public health: biostatistics, environmental health, epidemiology, population health management, and social and behavioral sciences. Health professionals with significant work experience prior entering the MPH and who wish to obtain a breadth of public health knowledge, may pursue a concentration in public health practice. The MPH curricula have been designed to meet current developments in the field of public health, the Council on Education for Public Health (CEPH) accreditation criteria, and the College's mission, goals and objectives.

No matter their program, all students obtain a broad knowledge base of public health issues and perspectives through the core courses. Other course requirements vary by concentration, and are listed under each concentration in this handbook. All students attain depth in specialized public health knowledge and skills through their concentration. The concepts

presented in the program are integrated and assimilated through applied practice experiences (APEs) and an integrative learning experience (ILE; or Capstone) at the end of the program.

#### **Program Requirements**

The major characteristics and graduation requirements of the 48-credit MPH curriculum are:

- MPH Professional Series (ProSeries; details below)
- Interprofessional Learning in HealthCare (IPLH; details below)
- Five public health core courses (15 credits)
- Core courses in an area of concentration (12-15 credits)
- Elective courses relevant to the concentration and individual career goals (12-15 credits)
- Applied Practice Experiences
  - 150-hour internship (3 credits), during which you must develop 2 portfolio products that demonstrate at least 5 public health competencies (Note: Students can choose to take up to 6 credits of internship for 300 total hours in lieu of one elective course)
  - o 50-hours of additional public health service (for a total of 200 APE hours)
- A Capstone course in public health (3 credits)
  - o Includes the integrative learning experience (ILE): A final individual project and presentation (completed as part of the public health capstone course)

The *Professional Series (ProSeries)* is a series of professional development presentations. These presentations and activities will benefit students in terms of navigating an MPH career and staying informed about the MPH program processes. Participation in these activities are required and will be monitored. All MPH students will be enrolled in a Canvas course for the ProSeries. Meeting dates and times for the ProSeries are listed in Canvas.

Interprofessional Learning in Healthcare (IPLH) is a learning experience where students collaborate across health professions to enhance the attitudes, skills, and behaviors necessary to work effectively on health care teams. The course consists of three modules that use teamoriented learning to promote systems thinking. Students, working on interprofessional teams, will collaboratively complete assignments associated with the three modules over the course of six weeks. All Health Science Center learners (the 6 colleges) are required to engage in interprofessional learning activities, per accreditation standards. MPH students may also use these hours toward their required public health service hours. Be on the lookout for email communication about your enrollment in this required course.

The *Applied Practice Experience (APE)* provides the opportunity for each student to apply their knowledge in the 'real world' of public health practice. Students may engage in many activities during one or multiple APEs. Each student must develop, for the benefit of their APE site (typically the internship site), at least two work products that demonstrate at least five MPH competencies. Students are eligible to complete their internship and enroll in the APE course once they have completed all five public health core courses and submitted all necessary internship forms. See the MPH website and the APE handbook for more information.

Completion of the *Integrated Learning Experience (ILE)* allows each student to demonstrate synthesis of foundational and concentration competencies through completion of an individually assessed project – the Capstone project. The Capstone project, completed while enrolled in the MPH Capstone course, serves as the basis for a formally written paper and a professional

presentation, which serves as the *final examination milestone* for the MPH program. It is therefore completed in the student's final semester after all core and concentration core courses have been taken.

The *42-credit accelerated program* is designed for working professionals who have a terminal degree in the health science field; and it may be completed on either a full- or part-time basis. All accelerated students must complete 15 credits of core public health course work, 12-18 credits in a concentration area, a 3-credit capstone course, and a 3-credit internship.

Collaborative or Joint programs between the MPH and the MD, DVM, PharmD, and JD degrees involve the sharing of up to 12 credits (of the required 48 for the MPH), so the amount of time required is less than it would be if the two programs were pursued separately. Students must apply to, and be accepted by, each program separately. All MPH and concentration core courses are required, as well as an APE. Joint programs, with admission criteria, curricula, and courses approved for sharing, are described on the Combination degrees page of the MPH Website.

**Non-traditional and concurrent programs** between the MPH and other graduate degrees are developed on an individual basis. The University allows no more than nine credits of coursework from a previous masters degree or current masters or PhD degree to be applied to a second graduate degree. When the MPH is the second degree, students work with the program advisors to identify the courses in the primary program that will be acceptable as electives in the MPH program. As in the case of joint programs, students pursue the 48-credit MPH and are required to complete MPH and concentration core courses, the capstone, as well as the applied practice experiences. Programs in this category have also been shared with other graduate programs in Clinical Health Psychology, Rehabilitation Science, Journalism, Pharmacy, Veterinary Sciences, Anthropology, Sociology and others. For more information, reach out to the Associate Director.

The *combined bachelor's to master's MPH degree* is designed for undergraduate seniors at the University of Florida. Students in a combined program complete a prescribed sequence of 15 credit hours of graduate level public health course work during their undergraduate senior year. These credits may count toward both the bachelor's program and the MPH. Ideally, these courses replace 15 credits of required college and/or general electives as allowed by the student's bachelor's program. To accrue the 15 credit hours, students complete a mix of public health foundation and concentration core courses according to their chosen concentration. The remaining 33 credits required for the MPH are completed after formal acceptance to the Graduate School. Students in combined degree programs represent a variety of undergraduate majors and allowances for counting graduate credits towards the undergraduate degree will vary from one bachelor's program to another. The ideal sequence of graduate course work to be taken during undergraduate studies can be found on our Combined Bachelor's/Master's planning sheet.

The College also offers two *non-degree opportunities* in public health. A 15-credit public health minor allows undergraduate students to acquire public health knowledge and skills that are complementary to their chosen career paths, while pursuing their original degrees. We also offer a 15-credit public health graduate certificate for working professionals and graduate or professional students who cannot or do not desire to complete a full master's degree in public health. Both the minor and the certificate programs have the same curriculum and course options. Students may choose to take all 15 credits in the five core courses or they may mix core and concentration courses in an organized, goal-directed plan of study. The public health certificate is available online as well as on campus.

#### **MPH Core Competencies**

All students in the MPH Program are expected to master a set of public health competencies during the course of their studies. The foundational competencies (listed below) are defined by the <u>Council on Education in Public Health (CEPH, 2021)</u>, the accrediting body for public health schools and programs. The concentration competencies (listed in this handbook with each respective concentration) were identified by the faculty of the College of Public Health and Health and are also consistent with CEPH accreditation standards.

#### **Evidence-based Approaches to Public Health**

- 1. Apply epidemiological methods to settings and situations in public health practice
- 2. Select quantitative and qualitative data collection methods appropriate for a given public health context
- 3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
- 4. Interpret results of data analysis for public health research, policy or practice

#### **Public Health & Health Care Systems**

- 5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
- 6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels

#### **Planning & Management to Promote Health**

- 7. Assess population needs, assets and capacities that affect communities' health
- 8. Apply awareness of cultural values and practices to the design, implementation, or critique of public health policies or programs
- 9. Design a population-based policy, program, project or intervention
- 10. Explain basic principles and tools of budget and resource management
- 11. Select methods to evaluate public health programs

#### **Policy in Public Health**

- 12. Discuss the policy-making process, including the roles of ethics and evidence
- 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
- 14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
- 15. Evaluate policies for their impact on public health and health equity

#### Leadership

- 16. Apply leadership and/or management principles to address a relevant issue
- 17. Apply negotiation and mediation skills to address organizational or community challenges

#### **Communication**

- 18. Select communication strategies for different audiences and sectors
- 19. Communicate audience-appropriate public health content (i.e., non-academic, non-peer audience), both in writing and through oral presentation
- 20. Describe the importance of cultural competence in communicating public health content

#### **Interprofessional Practice**

21. Integrate perspectives from other sectors and/or professions to promote and advance population health

#### **Systems Thinking**

22. Apply systems thinking tools to visually represent a public health issue in a format other than a standard narrative

#### **Certified in Public Health Exam**

On their home page, the National Board of Public Health Examiners states (Links to an external site.):

"The Certified in Public Health (CPH) credential distinguishes public health professionals at the cutting edge of an ever-evolving field. The credential – the only one of its kind for public health – demonstrates knowledge of key public health sciences, but also a commitment to the field through continuing education focused on emerging and established public health issues."

"The Certified in Public Health (CPH) exam covers the areas of knowledge relevant to contemporary public health and general principles. The examination was crafted to assess a person's knowledge of these competencies, regardless of his or her area of expertise." Currently, these include:

- General Principles
- Biostatistics
- Environmental Health Sciences
- Epidemiology
- Health Policy and Management
- Social and Behavioral Sciences
- Communication and Informatics
- Diversity and Culture
- Leadership
- Public Health Biology
- Professionalism
- Programs Planning
- Systems Thinking

The CPH credentials should be valid across all 50 states.

For eligibility, the NBPHE considers any student who is enrolled in a CEPH accredited program (or in the process of applying for accreditation) eligible to sit for the exam but leaves it up to each school to determine who is eligible based on when and how their student attain the foundational competencies.

As a program we have determined eligibility by whether a student has taken or are enrolled in all 5 public health core classes. The NBPHE also allows students who have completed our certificate or who have worked in public health for 5 years with any bachelors or 3 years with any masters degree to sit for the exam also.

Those who take and pass the exam while a student in a public health program are "provisionally" certified until they actually receive their degree. Upon graduation, they are converted to fully certified.

More information on eligibility and applying for the CPH exam can be found on the NBPHE website here: <a href="https://www.nbphe.org/eligibility/">https://www.nbphe.org/eligibility/</a> (Links to an external site.).

#### **Principles of Ethical Practice in Public Health**

The College of Public Health and Health Professions expects that all MPH students have a comprehensive understanding of, and adhere to, the <a href="Public Health Code of Ethics">Public Health Code of Ethics</a> in their academic and professional careers. The <a href="Public Health Code of Ethics document">Public Health Code of Ethics document</a> presents the public health core values and related obligations, guidance for ethical analysis, and ethical action guidance for policy and practice in functional domains of public health. The six core values (and related obligations) are listed below.<sup>1</sup>

- A. **Professionalism and Trust.** The effectiveness of public health policies, practices, and actions depends upon public trust gained through decisions based on the highest ethical, scientific, and professional standards. Public health gains public trust in part because its practices are informed by evidence. When the needed evidence is lacking, public health seeks it, and when the evidence reveals faulty or inadequate practices, public health seeks to improve those practices. At times public health practitioners must respond to a situation in the absence of complete scientific information, which highlights the importance of having an ethical framework to drive decision making. Public health practitioners and organizations promote competence, honesty, and accuracy and ensure that their work is not unduly influenced by secondary interests. Public health decision makers need to be transparent and honest about disclosing conflicting interests and influences.
- B. **Health and Safety.** Health and safety are essential conditions for human flourishing. Public health practitioners and organizations have an ethical responsibility to prevent, minimize, and mitigate health harms and to promote and protect public safety, health, and well-being.
- C. **Health Justice and Equity.** Human flourishing requires the resources and social conditions necessary to secure equal opportunities for the realization of health and other capabilities by individuals and communities. Public health practitioners and organizations have an ethical obligation to use their knowledge, skills, experience, and influence to promote equitable distribution of burdens, benefits, and opportunities for health, regardless of an individual's or a group's relative position in social hierarchies. Health justice and equity also extend to ensuring that public health activities do not exacerbate health inequities. In addition, health justice does not pertain only to the distribution of scarce resources in transactions among individuals; it also involves remediation of structural and institutional forms of domination that arise from inequalities related to voice, power, and wealth. It is difficult for public health to promote health justice at the transactional level if it does not take steps to promote it at the structural and institutional levels as well.
- D. **Interdependence and Solidarity.** The health of every individual is linked to the health of every other individual within the human community, to other living creatures, and to the integrity and functioning of environmental ecosystems. Public health practitioners and organizations have an ethical obligation to foster positive—and mitigate negative—relationships among individuals, societies, and environments in ways that protect and promote the flourishing of humans, communities, nonhuman animals, and the ecologies in which they

~ 15 ~

 $<sup>^{\</sup>rm I}$  American Public Health Association. (2019). Public Health Code of Ethics. https://www.apha.org/media/files/pdf/membergroups/ethics/code\_of\_ethics.ashx

live. Attention to potential intergenerational conflicts over resources can sometimes be essential.

- E. **Human Rights and Civil Liberties.** While coercive legal measures limiting behavior can be ethically justified in certain circumstances, overall the effective and ethical practice of public health depends upon social and cultural conditions of respect for personal autonomy, self-determination, privacy, and the absence of domination in its many interpersonal and institutional forms. Contemporary public health respects and helps sustain those social and cultural conditions.
- F. **Inclusivity and Engagement**. Preventing adverse health outcomes and protecting and promoting the flourishing of individuals, societies, and ecosystems require informed public decision-making processes that engage affected individuals and communities. Public health practitioners and organizations have an ethical responsibility to be transparent, to be accountable to the public at large, and to include and engage diverse publics, communities, or stakeholders in their decision making.

#### PROGRAM POLICIES & GENERAL REMINDERS

#### **Graduate School Policy Regarding Undergraduate Courses**

The Master of Public Health is a graduate degree; thus, students are expected to take graduate-level courses. MPH students who register for undergraduate courses must ensure that the course does not conflict with a course in their graduate program. Student must also understand that undergraduate courses will not count towards their graduate degree in public health and that the cost of undergraduate courses will be charged in addition to the regular MPH block or per credit tuition.

#### **Requirements for Satisfactory Progress**

**Grades**: The only passing grades for graduate students are A, A-, B+, B, B-, C+, C, and S. Grades of C+ and C count toward a graduate degree if an equal number of credits in courses numbered 5000 or higher have been earned with grades of B+ and A, respectively. Grade points are not given for S and U grades; S and U grades are not used to calculate grade point averages. All letter-graded graduate level courses eligible to count toward the graduate degree are used to calculate the cumulative grade-point average.

**Incomplete Grades**" Grades of I (incomplete) received during the preceding term should be removed as soon as possible. Grades of I carry no quality points and become punitive after one term. All grades of I must be removed before a graduate degree can be awarded.

**Unsatisfactory Progress or Unsatisfactory Scholarship:** Any graduate student may be denied further registration if progress toward completing the program becomes unsatisfactory to the academic unit, college, or Dean of the Graduate School. Unsatisfactory scholarship is defined as failure to maintain a B average (3.00) in all work attempted. Per UF requirements to graduate, graduate students need a 3.00 GPA in their major (and in the minor, if a minor is declared). Students with less than a 3.00 GPA may not hold an assistantship or fellowship.

**Time limitation:** Per graduate school requirements, all work (including transferred credit) counted toward the master's degree must be completed within 7 years before the degree is awarded.

#### Leave of Absence and Readmission

Students who wish to take a leave of absence from their academic program for three or more consecutive terms must obtain prior written approval from their academic units. Students who wish to skip a single term will be scheduled automatically for a registration appointment for one additional term. Graduate students who do not enroll at the University for three consecutive terms, including any summer term, must reapply for admission whether to the same or a different program. Readmission, however, is not guaranteed and is subject to the availability of space at the appropriate level, college or major. Readmission applications are available online.

#### **Establishing Florida Residency**

Residency refers to whether you are an in-state Florida resident or an out-of-state resident, and this classification determines your rate of tuition for the campus-based program. Florida residents pay less in fees per credit hour than do non-Florida residents. Online students are charged the same tuition and fee rate regardless of residency classification.

Florida state statute Section 1009.21 defines the requirements for *in-state* status. Generally a person is considered a Florida resident for the purpose of paying taxes, voting or other legal purposes after

residing in the state for a designated length of time. However, state statute specifies additional requirements for a student to be classified as an in-state resident for tuition purposes. Most importantly: **living in or attending school in Florida will not, in itself, establish legal residence for tuition purposes.** 

Your initial residency classification is determined soley by the Office of Admissions when you apply to the university. Failure to provide all relevant information and required documentation in the residency section of the admission application could result in a non-Florida or *out-of-state* resident classification for tuition purposes. You have until the **last day of classes in your first term** to request the Office of Admissions to re-evaluate your residency status by providing additional documentation not submitted previously.

Once you have completed your first year at UF, you can request a reclassification of your residency status, however approval is not guaranteed. You must contact the Office of the University Registrar to initiate this process. Please visit the <a href="UF Residency website">UF Residency website</a> for additional information about this process.

#### **MPH Tuition & Expenses**

#### **Campus MPH Tuition**

Tuition is assessed in 2 different ways, based on status. Upon enrollment, students identify their status as full-time or part-time, which establishes their billing method for the duration of the MPH program. Full-time students take 9 or more credits per semester. Part-time students take less than 9 credits per semester.

MPH tuition is affected by any tuition increases the University approves so tuition could potentially increase each fall semester. Anytime the MPH 48 credit block tuition rate increases, the MPH percredit rate will also increase. To get the MPH per credit rate, divide the block rate by 12.

#### **Full-time Students (Block Tuition)**

Full-time students (students enrolled in 9 credits or more) are charged 4 standard (and often equal) payments in consecutive semesters, including summer. The 4 standard payments are referred to as "Block Tuition".

The 4 payments that full-time students in the 48 and 42 credit programs pay in consecutive semesters (including summer) is referred to as "Block Tuition". Students are charged a standard rate regardless of enrolled credits. Each semester, the expected block rate is displayed on the University of Florida Student Bursar's website at: <a href="http://www.fa.ufl.edu/bursar/current-students/">http://www.fa.ufl.edu/bursar/current-students/</a>.

- Click on the appropriate academic year
- Click on the appropriate fee tier
- Scroll down to the last chart...the resident and non-resident Block Tuition rate for the 48 and 42 credit Public Health Programs is displayed.

Beginning in the first semester, full-time traditional campus-based students are charged 4 consecutive block tuition payments. After the 4th payment students are no longer assessed tuition as long as they take no more than 48 MPH credit hours. For example, a student that starts in a Fall semester will be billed as outlined below:

Fall (1st semester)

Spring (2nd semester)

Summer (3rd semester)

Block Tuition payment 2

Block Tuition payment 3

Fall (4th Semester) Block Tuition payment 4 (last payment)

Spring (5th/Final Semester) NO PAYMENT

The MPH block tuition rate remains the same regardless of the number of credits a student takes. For example: if, in a given semester, there are two students that are both coded as Florida residents, and one takes 12 credits while the other takes 9 credits, there will be no difference in the amount of tuition they pay. Each will pay the same amount.

During the 5<sup>th</sup> no-pay semester after four blocks have been paid, financial aid is limited to living expenses. This can cause the overall amount of aid students receive to be less than the first four semesters for those who were charged block tuition. Also, if you are hired as a graduate assistant and receive a tuition waiver with your assistantship, please note that your 5<sup>th</sup> no-pay semester may affect your Gator Grad Care benefit as well.

#### Part-Time and Collaborative Degree Students (Per-credit Rate)

Part-time students (students enrolled in less than 9 credits) and those in collaborative programs (combined degree, joint, concurrent and non-traditional) are charged the MPH per-credit rate once they are enrolled as graduate MPH students. This is calculated as the MPH 48 credit block tuition rate for one semester, divided by 12. For example, if the 48 credit block tuition rate is \$7000, the MPH percredit rate will be assessed as: \$7,000/12 = \$583.33 per credit hour

Students that pay the MPH per credit rate pay tuition every semester they are enrolled. Unlike students paying the block rate, there is no "tuition-exempt" semester.

#### Online MPH Tuition

Tuition for the online-based MPH program is set at a per credit rate. There is no block tuition option. All tuition is assessed at the same rate, regardless of residency status. There are, however, additional fees assessed for online courses.

Online students pay a per-credit tuition rate of \$550 per credit. Online students take classes at a pace of their choosing and pay each semester depending on how many credits they are registered for. The online tuition rate is the same, regardless of residency (either Florida or U.S.).

Online students pay a fee rate of \$35.75 per credit.

The online Master of Public Health program is a self-funded program and traditionally does not accept UF EEP, UF Teaching Assistant, or State Tuition Waivers. The online program reserves the right to allow EEP and waiver use on a case-by-case basis, depending on space. Please contact the MPH Academic Assistant for more information.

#### Additional Tuition Information

#### **Financial Aid**

Both full-time and part-time MPH students are eligible for financial aid as long as they are enrolled in the minimum number of credits required to receive aid.

# Situations where students can be charged more than the outlined MPH tuition rate (block and per-credit)

- If a student registers late, the University will add a \$100 late fee.
- If an MPH student who pays block tuition registers for a course in another department that is not approved in the MPH curriculum, a separate fee will be assessed for the course on top of the block tuition charge.

- If an MPH student who pays block tuition registers for credits beyond the required 48 or 42 credit programs, tuition will be assessed for the additional credits.

**Financial implications of receiving an (I) grade for PHC 6941 and/or PHC 6**940Students who receive incomplete grades in their Applied Practice Experience or Capstone course may be required to register for additional credits in the following semester to meet the graduate school's final term registration requirement. All students must be registered for a minimum of 3 credit hours in the Fall or Spring semester you intend to graduate and 2 credits if graduating in a Summer semester. These additional credits beyond the 48 credits required for the degree are not covered under block tuition and thus students must pay for them separately.

#### **Additional Expenses**

In addition to tuition, books, and supplies, you should anticipate the expenses listed below:

- Photo identification badges
- Laboratory fees
- Vaccinations (campus students)
- Health insurance (campus students)
- Hand-outs and materials for classes and/or presentations
- Required computer hardware and software
- Printing of materials for classes and/or presentations
- Computer printer or access to printer
- Webcam
- Headset with microphone
- Access to a video camera
- High speed Internet connection

#### **MPH Concentration Change Procedures**

Every student in the MPH program applied to and was admitted by a specific concentration, based on their interests and goals. If a student decides that they wishes to complete an MPH in a different concentration, the student must be aware of the potential for <u>additional time and money</u> required to complete the MPH, given course structure and availability.

The following steps should be carried out if a student wishes to complete his/her MPH in a different concentration:

- The student initiates a request with the Associate Director and discusses their justification for the desired change and the implications on the student's plan of study (including cost). The student is then referred to their current Concentration Coordinator (CC) and faculty advisor (FA) to inform them of their desire to switch. This is verified via signatures of the CC and FA on the Concentration Change form (next page).
- The student must return the Concentration Change form to the Associate Director along with a revised statement of purpose. The student's file is then sent to the CC in the prospective concentration and is evaluated based on that concentration's admission criteria.
- If the change is approved, the CC for the new concentration signs the Concentration Change form and returns it to the Associate Director. The CC then assigns the student a new faculty advisor and informs the student via email.
- The Associate Director will update the student's plan of study which the student must have reviewed and signed by their new faculty advisor as soon as possible after being approved for the change.

This formal process must be adhered to because the concentration appears on the student's transcript. In general, changes in concentration will be considered at the end of the student's first semester.

Date:	Student Name:	
<b>Current Conce</b>	ntration:	New Concentration:
Graduate GPA	<u> </u>	Upper Div. Undergraduate GPA:
Current Facult	y Advisor: (if applicable)	New Faculty Advisor: (assigned by concentration coordinator)
Please explain	why you wish change your	concentration:
LEASE ATTACH	H AN UPDATED PLAN OF S'	TUDY.
LEASE ATTACH	H AN UPDATED PLAN OF S'	TUDY.
	H AN UPDATED PLAN OF S'	
ignature, Conce		
ignature, Conce ignature, Facul	entration Coordinator (curr	Date  Date

#### **Important Reminders**

#### Gatorlink (email) Account

Students must have an active Gatorlink e-mail account, which is used for college and course-specific correspondence. We will not send e-mail to any other account. Do not forward your mail from an outside account (e.g. AOL, Yahoo, Gmail, etc.) to Gatorlink. You are responsible for the content of all college correspondence sent via e-mail. Set up your e-mail system so that our correspondence goes directly to the Gatorlink account.

#### Identification Badges (Gator1 card)

Campus-based students must purchase a Gator1 card, which is your photo identification badge. Online students are encouraged, but not required, to purchase a card. You must have your Gator One card with you at all times in the Health Science Center/Shands Hospital complex when involved in student activities. The cost is \$15.00.

- *Instructions*: Call first to make an appointment to get your picture taken for your card. Bring your acceptance letter and picture identification with you to the appointment.
- Locations:
  - Health Science Center (HSC) ID Card Center Room NG-10 Communicore (352) 273-5044
  - UF ID Card Center
     Welcome Center Bookstore, room G071
     (352) 392-8343

#### HIPAA (Health Insurance Portability and Accountability Act of 1996)

All students in the College of PHHP are required to complete HIPAA online training and to sign a HIPAA Confidentiality Agreement by the first day of classes. The <u>online HIPAA training</u> is housed on the <u>UF Privacy website</u>. Instructions for completing the training are provided in the "MPH Welcome Portal" (for campus students) or "Online Public Health Programs Canvas Orientation" (for online students). In addition, students must complete HIPAA every year they are in the program, and should keep copies of their HIPAA compliance documents. Students in noncompliance will have their records flagged immediately. The College will drop all classes of students remaining in noncompliance by the end of the second week of classes. **Please note**: Even if you have completed HIPAA at another institution, such as UF Health Shands Hospital, you must repeat the online training and sign another confidentiality agreement.

#### Health Requirements (Applicable to campus students only)

- IMMUNIZATIONS: In addition to University immunization requirements which include the flu vaccine, MMR, Hepatitis B, and Meningococcal, all students in the health science programs must provide proof of immunity to the chicken pox virus. Students must present medical documentation of immunization or positive titer to the Student Health Care Center. The titer test needs to be completed before the first day of the term of admission. The Student Health Care Center offers the titer test at a current cost of \$31.24. In addition, students needing to complete their Hepatitis B series can do so at the SHCC if desired. The Student Health Care Center currently offers the Hepatitis B vaccinations at a cost of \$83.16 per hepatitis shot for a total of \$249.48. (Costs are subject to change.) Please contact the Student Health Care Center (392-1161) to make an appointment.
- TUBERCULOSIS TEST: Students are required to be tested <u>annually</u> for tuberculosis (or to provide documentation from a physician that this test is contraindicated). This TB test needs to be completed by the end of the first week of fall semester classes. The Student Health Care

- Center offers the TB test at a cost of \$23.32 for students registered for classes. Students who are not registered for classes will also have a follow-up appointment for an additional cost of \$34.76. Please contact the Student Health Care Center (392-1161) to make an appointment.
- MANDATORY HEALTH INSURANCE: All newly admitted or re-admitted students who are enrolled at least half time\* in a degree-seeking program and are attending any campus of the University of Florida will be required to show proof of adequate health insurance as a condition of enrollment. This requirement would also apply to existing students who complete a degree and move to a new degree-seeking program (e.g. from bachelor's to master's). Students and their families are allowed to retain the freedom to purchase insurance in the marketplace or through the University-sponsored plan. More information including insurance coverage guidelines, frequently asked questions, how to submit one's insurance information and more can be found at the Health Insurance Requirement website.
  - \* Half time is defined as 6 eligible credit hours for undergraduate students and 5 eligible credit hours (4 credit hours during summer) for graduate students including post-candidacy doctoral students. For students beginning in Summer B term, half-time is considered 3 hours; however, one must be enrolled in 6 hours to receive financial aid. This applies to both domestic and international students.

#### **Photographs**

We ask all students to submit a current photograph to our Academic Assistant for your student file.

#### **Professionalism**

Students in the MPH program are expected to exhibit professional behavior on campus, in class, during curricular events, during extracurricular events, and during applied practice experiences. Professional behavior includes, but is not limited to, arriving on time for class and staying for the entire class period; contributing to a positive learning environment; communicating respectfully with faculty, staff, students, and community members; assuming responsibility for program requirements; providing and accepting constructive feedback; adhering to the Principles of the Ethical Practice of Public Health (see Public Health Program Overview); and adhering to the Student Honor Code and Conduct Code.

#### Additional professionalism expectations include:

*Dress Code.* You are expected to dress in a manner appropriate to the class assignment. In general, you may dress in casual attire for class. However, you should dress professionally, when appropriate, to a site you are visiting or when meeting health representatives as part of your college activities. Please also be respectful of the diversity of our students in selecting attire.

*Cell Phones.* Audio ringers on cell phones and pagers must be DEACTIVATED before entering the classroom. Cell phone use is not permitted during class time.

*Noise.* When you are participating in live online meetings or presentations, please be sure that all ambient noise is reduced. Please turn off all televisions, radios, cell phones, etc. Ensure that those who share your space are aware of the need to maintain a quiet environment during these times.

#### **Tobacco**

The University of Florida is a tobacco-free campus, therefore, tobacco use is prohibited in all areas of the University campus and UF Health properties.

#### Bioterrorism

If you encounter a suspicious looking letter, package, or other item while on campus, please call the provided numbers (below). If it is during normal business hours or class time, please also notify the Dean's office or your instructor. Do not attempt to open or remove the material.

Director On Call	877-364-1252
Infection Control	352-265-0284
(Office hours 7:30 a.m. to 5 p.m. Monday	– Friday)

Weekends and Nights: Page 877-364-0406 for Infection Control Director or Shands Operator for Infectious Disease On-Call Physician or call 911

#### The Student Conduct Code and Honor Code

#### **Principles and Scope**

Our educational mission is to enable our students to lead and to influence the next generation and beyond for economic, cultural, and societal benefit. The University strives to protect and to guide the educational community by establishing a Student Honor Code and a Student Conduct Code. These codes and systems promote individual and social responsibility and are enforced through University Regulations by the <u>Dean of Student's Student Conduct & Conflict Resolution (SCCR) Division</u>.

By becoming a member of the University of Florida community, a Student agrees to adhere to its Student Honor Code and its Student Conduct Code. Students acting as individuals or as members of Student Organizations are expected to follow all applicable Laws and Regulations. University Regulations have been designed to promote the safety of people and the campus community, to create an environment conducive to learning, and to achieve the mission of the Institution.

#### A. PRINCIPLES.

The University principles address our respect for people and property, for fairness, for Laws and Regulations, and for academic integrity. Nothing in this Regulation shall be interpreted to limit the constitutional or statutory rights of any Student, including but not limited to expressive rights protected by the First Amendment.

- 1. Respect for people and property. Students are encouraged both to conduct themselves in a manner that exemplifies respect for all people and property and to adhere to their personal values without imposing those on others.
- 2. Respect for fairness. Rules and established procedures are intended to ensure both fundamental fairness and an educational experience for Students and Student Organizations.
- 3. Respect for Laws and Regulations. Students and Student Organizations are expected to follow all applicable Laws and Regulations.
- 4. Respect for academic integrity. Academic honesty and integrity are fundamental values of the University. Students commit to holding themselves and their peers to the high standard of honor required by the Student Honor Code. Any Student who becomes aware of a violation of the Student Honor Code is encouraged to report the violation to the appropriate University Official.

#### B. SCOPE.

Each Student and every Student Organization is required to abide by the Student Honor Code and the Student Conduct Code when on University-controlled property, at University sponsored events, or off campus in accordance with sections 3 and 4 of this Regulation.

The University disciplinary process is educational and designed to address Student behavior; therefore, the University will address any alleged violations of its Student Honor Code or its Student Conduct Code independently of any criminal or civil court process.

Unless otherwise noted, use of the term "Student" in this document applies both to the Student as an individual and to a Student Organization as a single entity, as applicable. The officers or the leaders of a

particular Student Organization usually will be expected to represent the organization during the Student Conduct Process. A Student may be held responsible for their actions as an individual and as a member of a Student Organization.

Any question about how to interpret or apply the Student Conduct Code or Student Honor Code should be directed to the Dean of Students or designee.

#### C. OFF-CAMPUS CONDUCT.

The University may apply the Student Conduct Code and Student Honor Code to Students whose conduct may have an adverse impact on the health, safety, or welfare of people, property, the University Community, or the pursuit of its objectives, regardless of where such conduct occurs, even if off campus.

The Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Student Honor Code. On all work submitted for credit by Students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

A complete copy of the <u>University Honor & Conduct Code</u>, can be found through the <u>Dean of Students – Student Conflict & Conflict Resolution</u> website.

Students in the MPH program are expected to exhibit professional behavior on campus, in class, during curricular events, during extracurricular events, and during internship. (See Program Policies & Requirements). Student Honor Code, Conduct Code, or Professional Behavior infractions will be addressed based on the severity of the infraction. Minor infractions will result in a verbal or written warning. More serious infractions, such as Student Honor Code or Student Conduct Code infractions, may result in dismissal from the program.

# **MPH Plan of Study Overview**

General plans of study for the 48-credit and 42-credit MPH curriculum are provided on the following pages. These plans are templates for developing individual plans of study specific to each student's needs and career goals.

All MPH students will meet with the MPH Associate Director in their first semester to begin developing their individual plan of study. In preparation for this meeting, students should review the curriculum requirements and the available elective options. If the student wants to consider changes to the plan of study once it has already been established and a faculty advisor has been assigned, the student should consult with their faculty advisor for help before making changes.

MPH students are responsible for self-registering through <u>One.UF</u> and ensuring that they meet all university deadlines for course registration.

Students wishing to complete a practicum, supervised research, or internship credits must meet with the MPH APE Coordinator and submit appropriate proposal forms with signatures before being registered.

#### **BIOSTATISTICS**

#### **Concentration Overview**

*Biostatistics* uses data analysis to investigate the cause of disease and injuries, as well as to identify health trends within communities. Students entering into a biostatistics concentration should possess a basic knowledge in algebra and introductory statistics.

The biostatistics concentration is designed primarily for students with a previous undergraduate degree, particularly in the health sciences, who want to obtain a solid background in quantitative and analytical methods for public health research. The coursework exposes students to methodology typically used to analyze different types of public health data and gives them opportunities to apply these methodologies themselves.

Faculty in the <u>Department of Biostatistics</u> teach courses and advise students in the biostatistics concentration. The curriculum is designed to enable students to develop competence in very specific biostatistical skills. Students are required to develop basic skills in regression analysis, survival analysis, and epidemiology methods. Each biostatistics MPH student has an opportunity to take public health electives and complete his/her program of study with an Applied Practice Experience and a final Capstone course which includes a group or individual analytical project.

## **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in biostatistics should have mastered the following competencies:

- 1. Apply standard probability distributions to public health outcomes
- 2. Apply and interpret common statistical descriptive and inferential methods, including confidence intervals and hypothesis tests in one-sample, two-sample, and multivariable regression settings
- 3. Build and interpret appropriate multivariate regression models to analyze public health data
- 4. Develop practical skills in using statistical software packages for data management and analysis of public health data
- 5. Develop written reports based on statistical analyses

## **Biostatistics Faculty**

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# **MPH Biostatistics 48-Credit Concentration**

(Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Heal	th Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F,S,ss
II. Concentra	tion Core: 12 credits	Credits	*Semester
PHC 6053	Regression Methods for Health and Life Sciences (online)	3	S
PHC 6059	Introduction to Applied Survival Analysis	3	F
PHC 6089	PH Computing	3	F,S,ss
PHC 6000	Epidemiology Research Methods I	3	S
III. Concentra	tion Electives**: 9-12 credits (Accelerated: 6 Credits)	Credits	*Semester
PHC 6011	Epidemiology Research Methods II	3	SS
PHC 6937	Data Visualization in Health Sciences (prereq: PHC 6052)	3	S
PHC 6937	Casual Inference (prereq: PHC 6053 and R programming)	3	S (odd)
PHC 6022	Design and Conduct of Clinical Trials	3	F
STA 5503	Categorical Data Methods	3	S
PHC 6251	Assessment & Surveillance in Public Health	3	SS
STA 5507	Applied Nonparametric Methods	3	F (odd)
STA 5701	Applied Multivariate Methods	3	S (odd)
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	F
STA 5325	Fundamentals of Probability (Prereq: MAC 2313)	3	F,S,ss
STA 5328	Fundamentals of Statistical Theory (Prereq: MAC 2313)	3	F,S,ss
PHC 6917	Supervised Research		
	(Requires approval of research supervisor and faculty advisor)	1-3	F,S,ss
IV. Public Health Electives: 3-6 credits (Accelerated: 3 Credits)		Credits	*Semester
PHC Courses	Public health coursework offered by the other tracks	3	F,S,ss
V. Applied Pr	actice Experience: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# **College of Public Health and Health Professions**

Student Plan of Study: Biostatistics – 48 credit (Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

Graduate Year 1 Graduate Year 2

Graduate Ye	ar 1		Graduate Y	ear 2	
		Notes	Summer Semester Total Hrs <u>6</u> credits (Accelerated: 3 Credits)		
			Course	Hrs	Title
			Concentration or Public Health Elective(s)		
			PHC 6251	3	Assessment & Surveillance in Public Health
					(Recommended Elective)
				3	
	F	Fall Semester Total Hrs <u>12</u> credits	Fall S	Semeste	er Total Hrs 9- <u>12</u> credits (Accelerated: 9 Credits)
Course	Hrs	Title	Course	Hrs	Title
		Public Health Core			Public Health Core
PHC 6052	3	Introduction to Biostatistical Methods	PHC 6313	3	Environmental Health Concepts in PH
PHC 6001	3	Principles of Epidemiology			Concentration Core
HSA 6114	3	Health Care System and Policy	PHC 6059 3 Introduction to Applied Survival Analysis		Introduction to Applied Survival Analysis
PHC 6410	3	Psych, Soc & Behavioral Issues in Public Health	Concentration or Public Health Elective(s)		ncentration or Public Health Elective(s)
				3	
				0-3	
					. m. ly (0 l) (1 l . l (0 l))
Spring Semester Total Hrs <u>12</u> credits			_	ster Total Hrs <u>6-9</u> credits (Accelerated: 6 Credits)	
Course	Hrs	Title Consentration Cons	Course	Hrs	Title
DIIC COOO	2	Concentration Core	DUC (041	126	Applied Practice Experience
PHC 6000	3	Epidemiology Research Methods I	PHC 6941	3-6	Applied Practice Experience
PHC 6053	3	Regression Meth for Health and Life Sciences (online)	D110 60 10	Τ ο	Public Health Core
PHC 6089	3	Public Health Computing	PHC 6940	3	MPH Capstone
		entration or Public Health Elective (s)			
	3				

#### **ENVIRONMENTAL HEALTH**

#### **Concentration Overview**

Professionals trained in environmental health study the health impacts of physical, chemical, and biological agents in the environment. They learn how environmental exposures, such as microbial and chemical contamination of water, air, and foods, malnutrition, and occupational hazards, affect vulnerable populations, and means for their measurement and control.

Students interested in environmental health typically have a background in biological or physical sciences, engineering, nursing, medicine, and veterinary medicine. Prior experience in chemistry, biology, statistics, and Microsoft Excel software is desirable.

Those who graduate with an MPH in environmental health find challenging positions in federal, state, and county departments of health and environmental protection, other federal agencies, consulting and research companies, academic institutions, and industry.

The MPH in Environmental Health concentration is part of the Environmental and Global Health Department. Faculty who teach in the concentration often affiliate with Emerging Pathogens Institute or the Center for Environmental and Human Toxicology. Some faculty members hold joint appointments in other UF Colleges, including the College of Veterinary Medicine and College of Medicine.

The MPH Environmental Health curriculum addresses a diverse range of environmental and health issues that concern individuals and communities. Courses and other educational experiences are carefully structured to enable students to develop competence in specific environmental health skills.

The program offers depth in the effects of chemical exposure and biological agents on human health and the environment. Required concentration core courses include general toxicology, human health risk assessment, risk communication, and exposure assessment. Concentration elective courses may focus on toxicology, infectious diseases, or a combination of the two. Environmental health courses draw on the extensive expertise of University of Florida faculty and the unique ecology of our state.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in environmental health should have mastered the following competencies:

- 1. Examine the direct and indirect human and ecological health effects of major environmental agents
- 2. Develop a quantitative risk assessment framework for environmental hazards
- 3. Apply knowledge of environmental legislation to case studies to determine jurisdiction and approach
- 4. Apply approaches for assessing environmental exposures, including exposure assessment design and methods
- 5. Demonstrate cultural sensitivity and appropriate communication when engaged in public health practice and research

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# **MPH Environmental Health 48-Credit Concentration**

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Health Core: 18 credits		Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F,S,ss
II. Concentrat	tion Core: 15 credits	Credits	*Semester
PHC 6304	Environmental Toxicology Applications in Public Health (blended) [Pre-reqs: working knowledge of bio, physiology & biochem]	3	F
PHC 6424	Environmental Policy and Risk Management (online)	3	S
PHC 6702	Environmental Monitoring & Exposure Assessment	3	S
PHC 6018	Environmental Ecology of Human Pathogens (online)	3	S
PHC 6764	Global Health and Development I	3	F
III. Concentra	tion Electives**: 9 Credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6301	Aquatic Systems and Environmental Health (blended)		
	[Offered odd years]	3	S
PHC 6446	Systems Thinking in One Health (online)	3	S (alt)
PHC 6515	One Health: Applied Techniques in Public Health Entomology		
	(online)	3	SS
PHC 6671	Emerging Infectious Diseases in One Health	3	S
	Quantitative Assessment of Environmental Health Impacts		
PHC 7307	[Offered odd years]	3	S
PHC 6037	Virology for Public Health	3	F
PHC 6706	Scientific Communications in Public Health [Offered even years]	3	SS
PHC 6326	Environmental and One Health	3	SS
	Introduction to Foodborne Diseases [Pre-req: PHC 6001; Offered		
PHC 6520	even years]	3	S
PHC 6917	Supervised Research [Requires approval of research supervisor and		
	faculty advisor]	1-3	F,S,ss
IV. Public Health Electives: 3 Credits		Credits	*Semester
PHC courses	Public health coursework offered by the other tracks	3	F,S,ss
V. Applied Practice Experience: 3-6 credits (Accelerated: 3 Credits)		Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# **College of Public Health and Health Professions**

Student Plan of Study: Environmental Health – 48 credit (Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

Graduate Year 1 Graduate Year 2

		Notes	Summer Semester Total Hrs <u>6 (Accelerated: 3 Credits)</u>			
			Course	Hrs	Title	
					Concentration Elective	
				3		
					Public Health Elective	
				3		
		Fall Semester Total Hrs <u>12</u>		Fall Semester Total Hrs 12 (Accelerated: 9 credits)		
Course	Hrs	Title	Course	Hrs	Title	
Public Health Core				Public Health Core		
PHC 6001	3	Principles of Epidemiology	PHC 6410	3	Psych, Social & Behavioral Issues in Public Health	
PHC 6313	3	Environmental Health Concepts	HSA 6114	3	Health Care System and Policy	
PHC 6052	3	Intro to Biostatistical Methods			Concentration Core	
		Concentration Core	PHC 6764	3	Global Health and Development I	
PHC 6304	3	Environmental Toxicology (blended)			Concentration Elective	
				3		
		Spring Semester Total Hrs <u>12</u>		Spring Semester Total Hrs <u>6</u>		
Course	Hrs	Title	Course	Hrs	Title	
	- <b>1</b>	Concentration Core			Public Health Core	
PHC 6702	3	Environmental Monitoring & Exposure Assessment	PHC 6940	3	Master of Public Health Capstone	
PHC 6018	3	Environmental Ecology of Human Pathogens (online)				
PHC 6424	3	Environmental Policy & Risk Management (online)	Applied Practice Experience			
Concentration Elective			PHC 6941	3	Applied Practice Experience	

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#### **EPIDEMIOLOGY**

#### **Concentration Overview**

*Epidemiology* focuses on the study of the distribution and determinants of health in populations and communities. It is the scientific foundation of public health research that seeks to reduce risk factors and improve health. The discipline also contributes to public health practice and policy, and research in other health related fields such as medicine and pharmacy. This concentration area is designed to train professionals to apply the principles and methods of epidemiological investigation in a broad range of settings.

Students who seek epidemiology as a concentration typically have strong quantitative training, or are interested in and enjoy quantitative or mathematical work. They tend to describe themselves as enjoying science, problem solving, analytic reasoning, and have goals that include studying the causes, cures, and prevention of health problems.

MPH graduates with a concentration in epidemiology are employed as epidemiologists in a broad range of organizations, such as federal, state and local public health agencies, private, government and academic research, pharmaceutical and other industries, health care organizations and medical settings, legal settings, and consulting firms.

Faculty in the Department of Epidemiology teach courses and advise students in the Epidemiology concentration and in the MS in Epidemiology; PhD program in Epidemiology. The curriculum is designed to prepare practicing epidemiologists and to provide a foundation for those who wish to continue to a PhD program in Epidemiology. Courses and other educational experiences are carefully structured to enable students to develop competence in very specific epidemiology skills. In addition to the 18 credits that constitute the public health core courses, the epidemiology concentration requires 12 credits of epidemiology concentration courses in epidemiological methods and the epidemiology of acute and chronic diseases, 3 credits of biostatistics, and up to 6 credits of specialty electives, such as social epidemiology, survey research, survival analysis or research measurement. Public health electives, additional concentration electives, a Capstone course and the Applied Practice Experience complete the 48-credit degree.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in epidemiology should have mastered the following competencies:

- 1. Assess potential confounders in epidemiology studies
- 2. Evaluate interaction, effect modification and mediation in epidemiology studies
- 3. Evaluate the multifactorial etiology and pathophysiology of chronic diseases
- 4. Apply criteria for identification, prevention and control of infectious agents
- 5. Manage, analyze and interpret large-scale epidemiologic data

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# **MPH Epidemiology 48-Credit Concentration**

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public He	Credits	*Semester	
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	MPH Capstone	3	F,S,ss
II. Concentr	ation Core: 12 credits	Credits	*Semester
PHC 6000	Epidemiology Research Methods I	3	S
PHC 6002	Epidemiology of Infectious Diseases (online)	3	SS
PHC 6003	Epidemiology of Chronic Disease (online)	3	F
PHC 6011	Epidemiology Research Methods II	3	SS
	stics Core: 3 credits	Credits	*Semester
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S
	ration Electives**: 6-9 credits (Accelerated: 3 credits)	Credits	*Semester
PHC 6517	Public Health Concepts in Infectious Disease	3	F
PHC 6016	Social Epidemiology	3	F
PHC 6059	Introduction to Applied Survival Analysis	3	F
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	F
PHC 6089	Intro to Public Health Computing	3	S
PHC 6512	Environmental Management of Vector-Borne Diseases	3	F
PHC 6183	Disaster Preparedness & Emergency Response (online)	3	F,ss
PHC 6598	Foundations of Precision Medicine & Genetic Epi (online)	1	S
PHC 6009	Biology and Epidemiology of HIV/AIDS (online)	3	SS
			(even years)
PHC 6937	Special Topics in Public Health: Maternal and Child Health Epidemiology	3	F
	(Preregs: PHC 6001, PHC 6000)		
PHC 6937	Intro to Mixed Methods Research	3	S
PHC 7007	Cancer Epidemiology (Prereq: PHC 6001)	3	S
PHC 7038	Pychiatric Epidemiology	3	S
PHC 6917	Supervised Research	1-3	F,S,ss
	(Requires approval of research supervisor and faculty advisor)	Credits	
V. Public Health Electives: 3-6 credits (Accelerated: 3 credits)			*Semester
PHC			
courses	Public health coursework offered by the other concentrations	3	F,S,ss
	Practice Experience: 3-6 credits (Accelerated: 3 credits)	Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

**College of Public Health and Health Professions** Student Plan of Study: Epidemiology – 48 credit (Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

**Graduate Year 1** Graduate Vear 2

Notes					
		Fall Semester Total Hrs <u>12</u>			
Course	Hrs	Title			
		Public Health Core			
PHC 6052	3	Introduction to Biostatistical Methods			
PHC 6001	3	Principles of Epidemiology			
HSA 6114	3	Health Care System and Policy			
PHC 6410	3	Psych, Soc, Behavioral Issues in PH			
Spri	ing Seme:	ster Total Hrs <u>12</u> (Accelerated: 9 Credits)			
Course	Hrs	Title			
	•	Concentration Core			
PHC 6000	3	Epidemiological Research Methods I			
PHC 6053	3	Regression Analysis (online)			
Concent	tration El	lective (6-9 credits required, choose from list)			
	3				
	3				

Graduate Year 2						
Cummon Competen Total Hue 4						
	Summer Semester Total Hrs 6					
Course	Course Hrs Title					
	Concentration Core					
PHC 6011	3	Epidemiological Research Methods II				
PHC 6002	3	Epidemiology of Infectious Diseases (online)				
Fa	all Seme	ester Total Hrs <u>9-12 (Accelerated: 9)</u>				
Course	Hrs	Title				
		Public Health Core				
PHC 6313	3	Environmental Health Concepts in PH				
PHC 6003	3	Epidemiology of Chronic Disease (online)				
	Public Health Electives (choose from list)					
	3					
	3					
	•					
Sp	ring Ser	nester Total Hrs <u>6-9 (Accelerated: 6)</u>				
Course	Hrs	Title				
	MPI	H Applied Practice Experience				
PHC 6941	3-6	MPH Applied Practice Experience				
	Public Health Core					
PHC 6940	3	Master of Public Health Capstone				
		-				
	1	I				

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# POPULATION HEALTH MANAGEMENT Concentration Overview

The <u>Population Health Management</u> concentration focuses on providing comprehensive, authoritative strategies for improving the health care systems and health policies that affect health care quality, access, delivery, costs, and outcomes, ultimately improving the health of an entire population both nationally and internationally. The concentration encompasses two of the major roles of leaders, healthcare manager and policy developer in public health. To become a health care professional in population health management, skills in outcome measurement, health economics, strategic and program planning, community engagement, data analysis, operations research, and policy making are essential. Development, analysis, interpretation, and evaluation of health care programs require both analytic skills and social skills, as well as a deep understanding of politics and economics. Our program provides interdisciplinary curriculum with a foundation of knowledge in health services, health economics, and health policy, and also teaches concepts, principles, and scientific skills necessary for population health management.

Career opportunities in population health management are widely available in health agencies at all levels - federal, state, and local. MPH graduates with a PHM concentration are also employed in research and policy institutes, foundations, professional organizations, and the healthcare industry.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in population health management should have mastered the following competencies:

- 1. Integrate systems thinking theory to incorporate multiple stakeholders at state and local levels to address a public health issue
- 2. Create an evaluation plan for a public health initiative
- 3. Apply principles and theory of budget preparation, managerial accounting and financial management to organizations in the health sector
- 4. Develop a survey instrument that validly examines public health research questions and produces data that addresses health implications and their relationship to policy and contexts
- 5. Conduct an economic analysis of a major health policy issue

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# MPH Population Health Management 48-Credit Concentration

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Heal	th Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F,S,ss
II. Concentrat	tion Core: 15 credits	Credits	*Semester
PHC 6104	Evidence-Based Management of Public Health Programs (online)	3	F
HSA 6436	Health Economics	3	S
HSA 7759	Public Health Quality & Outcomes	3	S
PHC 6716	Survey Research Methods	3	F
PHC 6103	Systems Thinking and Public Health	3	SS
	tion Electives: 6-9 credits** (Accelerated: 3 Credits)	Credits	*Semester
A. Courses of	fered by PHHP		
HSA 6395	Healthcare Data Analysis	3	F
HSA 6427	Legal and Ethical Issues in Health Administration	3	F
HSA 6115	Intro to Management of Health Service Organizations	3	F
HSA 6152	Overview of US Health Policy	3	S
HSA 6385	Performance Management for Health Care Managers	3	S
PHC 6700	Social and Behavioral Research Methods	3	S
PHC 6251	Assessment and Surveillance in Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation (pre-req: PHC 6410)	3	F
PHC 6716	Survey Research/Instrument Methods	3	F
PHC 6917	Supervised Research	1-3	F,S,ss
	(Requires approval of research supervisor and faculty advisor)		
	fered outside of PHHP	T	T
FYC 6662	Public Policy for Human Resource Development	3	F
PUP 6006	Policy Evaluation	3	F
PUP 6009	Public Policy Analysis	3	F
PUP 6007	Policy Process	3	S
POS 6127	State Government and Politics	3 Credits	S,F **Semester
	IV. Public Health Electives: 3-6 credits (Accelerated: 3 Credits)		
PHC courses	Public health coursework offered by the other tracks	3 Credits	F,S,ss **Semester
	V. Applied Practical Experience: 3-6 credits (Accelerated: 3 Credits)		
PHC 6941	MPH Applied Practice Experience	3	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

<sup>^</sup> First 8 weeks of the semester

# **College of Public Health and Health Professions**

Student Plan of Study: Population Health Management – 48 credit (Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

Graduate Year 1 Graduate Year 2

Notes  Summer Semester Total Hrs 6 (Accele Course Hrs	erated: 3 Credits)		
Course Hrs			
Company transfer of Company	11116		
Concentration Core			
PHC 6103 3 Systems Thinking and P	Public Health		
Public Health Elective (3-6 credits, choose fro			
3			
Fall Semester Total Hrs <u>12</u> Fall Semester Total Hrs 9- <u>12 (Accele</u>	erated: 9 Credits)		
Course Hrs Title Course Hrs	Title		
Public Health Core Public Health Core			
HSA 6114 3 Health Care System and Policy PHC 6313 3 Environmental Health C	Concepts in PH		
PHC 6001 3 Principles of Epidemiology Concentration Core			
PHC 6410 3 Psy, Soc, Beh Issues in Public Health PHC 6104 3 Evidence-Based Manage (online)	ement of PH Programs		
PHC 6052 3 Introduction to Biostatistical Methods PHC 6716 3 Survey Research Method	ds		
Public Health Elective (3-6 credits, choose from	Public Health Elective (3-6 credits, choose from other concentrations)		
3			
Spring Semester Total Hrs <u>12</u> Spring Semester Total Hrs 6-9 (Accele	erated: 6 Credits)		
Course Hrs Course Hrs	Title		
Concentration Core MPH Applied Practice Expe			
HSA 6436 3 Health Economics PHC 6941 3-6 MPH Applied Practice E	Experience		
HSA 7759 3 Public Health Quality & Outcomes Public Health Core			
Concentration Electives (6 credits needed, choose from list)PHC 69403Master of Public Health	Capstone		
3			
3			

#### SOCIAL & BEHAVIORAL SCIENCES

#### **Concentration Overview**

The <u>social and behavioral sciences</u> is based on the assumption that health and health behavior are impacted by multiple psychological, behavioral, social and cultural factors. Central to addressing health problems and eliminating health disparities and inequalities, these factors must be understood and addressed at multiple social-ecological levels (individual, interpersonal, organizational, community and population).

Those who seek a concentration in social and behavioral sciences come from a variety of undergraduate and professional backgrounds. Undergraduate majors in sociology, anthropology, psychology, and health education provide strong foundations for this concentration. However, it is also sought out by individuals with backgrounds in bench science, health professions, and other professions, such as journalism, to provide a multi-layered perspective on the determinants of and solutions to health problems.

MPH graduates with concentrations in social and behavioral sciences are employed in health agencies at all levels and sectors. They are usually involved in creative aspects of community assessment, program development and evaluation, and research. Just a few examples of current jobs held by our alumni include research positions at NIH and CDC, program directors at the Alachua County Health Department and the North Florida Healthy Start coalition, and tobacco specialist with the local Area Health Education Center (AHEC).

The curriculum is designed to enable students to develop competence in very specific social and behavioral science skills. In addition to the public health core courses, students are required to take 15 credits of social and behavioral science core courses. The social and behavioral sciences core courses enable students to acquire and apply new knowledge and tools in social and behavioral theory, research methods, health communication, need and asset assessment and surveillance, and ultimately, program planning and evaluation.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in social and behavioral science should have mastered the following competencies:

- 1. Evaluate public health social and behavioral science research so that research decisions, strengths and limitations are addressed.
- 2. Integrate social and behavioral science theories and concepts in the development of interventions/solutions to public health problems.
- 3. Design and conduct a community needs assessment
- 4. Design, implement and evaluate a public health intervention.
- 5. Design and develop effective communication products that convey health information to diverse audiences that increase recipients" knowledge and positively impact attitudes, beliefs and behaviors.

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# **CAMPUS MPH Social and Behavioral Sciences 48-Credit Concentration**

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Heal	Credits	*Semester	
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F, S, ss
II. Concentrat	tion Core: 15 credits	Credits	*Semester
PHC 6700	Social and Behavioral Research Methods	3	S
PHC 6251	Assessment and Surveillance in Public Health	3	SS
PHC 6405	Theoretical Foundations of Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	F
III. Co	ncentration Electives**: 6-9 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6704	Community-Based Participatory Research	3	S
PHC 6441	Health Disparities (online)	3	S
PHC 6404	Sexuality, Gender, and Public Health (online)	3	S
PHC 6009	Biology and Epidemiology of HIV/AIDS (online)	3	SS
			(even years)
PHC 6530	PH Mothers & Babies	3	S
PHC 6447	Ecology of HIV/AIDS in the Rural South (online)	3	F
PHC 6521	Fundamentals of Public Health Nutrition (online)	3	S
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and	3	S
	Public Health (online)		
PHC6451	Building Resiliency in Individuals & Communities for PH (online)	3	SS
PHC 6937	Stigma & Health	3	SS
PHC6937	Social Stratification and Health (online)	3	F
IV. P	ublic Health Electives: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC courses	Public health coursework offered by other concentrations	3	F,S,ss
PHC 6917	Supervised Research		
	(Requires approval of research supervisor and consent of faculty		
	advisor)	1-3	F,S,ss
PHC 6945	Public Health Practicum		
	(Requires approval of practicum site and consent of faculty advisor)	1-3 Credits	F,S,ss
	V. Applied Practice Experience: 3-6 credits (Accelerated: 3 Credits)		*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=summer; alt=alternate years. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# **College of Public Health and Health Professions**

Student Plan of Study: Social and Behavioral Sciences – 48 Credit
(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)
Graduate Year 1

		Graduate Year 1
		Notes
		110103
	]	Fall Semester Total Hrs <u>12</u>
Course	Hrs	Title
		Public Health Core
PHC 6410	3	Psych, Soc, Behavioral Issues in PH
PHC 6001	3	Principles of Epidemiology
PHC 6052	3	Introduction to Biostatistical Methods
HSA 6114	6114 3 Health Care System and Policy	
		ter Total Hrs <u>12 (</u> Accelerated: 9 Credits)
Course	Hrs	Title
		Concentration Core
PHC 6700	3	Social and Behavioral Research Methods
Concent		ctives (6-9credits required, choose from list)
	3	
	3	
	3	

Graduate Year 2					
Summer Semester Total Hrs <u>6</u>					
Course	Course Hrs Title				
		Concentration Core			
PHC 6251	3	Assessment and Surveillance in Public Health			
PHC 6405	3	Theoretical Foundations of Public Health			
	F	all Semester Total Hrs <u>9-12</u>			
Course	Hrs	Title			
		Concentration Core			
PHC 6195	PHC 6195 3 Health Info for Diverse Pop: Theory & Methods				
PHC 6146					
		Public Health Core			
PHC 6313	3	Environmental Health Concepts in PH			
Public Hea	lth Elec	ctives (6-9credits required, choose from list)			
	0-3				
Spring S	Semest	er Total Hrs <u>6-9 (</u> Accelerated: 6 Credits)			
Course	Hrs	Title			
	MPI	H Applied Practice Experience			
PHC 6941	3-6	MPH Applied Practice Experience			
	Public Health Core				
PHC 6940	3	Master of Public Health Capstone			

### **ONLINE MPH Social and Behavioral Sciences 48-Credit Concentration**

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Heal	th Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods	3	F
PHC 6001	Principles of Epidemiology	3	F, S, ss
PHC 6313	Environmental Health Concepts in PH	3	S,
			ss (even yrs)
HSA 6114	Health Care System and Policy	3	SS
PHC 6410	Psychological, Behavioral, and Social Issues in PH	3	F, S
PHC 6940	Master of Public Health Capstone	3	F, S, ss
	tion Core: 15 credits	Credits	*Semester
PHC 6700	Social and Behavioral Research Methods	3	SS
PHC 6251	Assessment and Surveillance in Public Health	3	S
PHC 6405	Theoretical Foundations of Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	S
	ncentration Electives**: 6-9 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6704	Community-Based Participatory Research	3	F
PHC 6441	Health Disparities	3	S
PHC 6404	Sexuality, Gender, and Public Health	3	S
PHC 6009	Biology and Epidemiology of HIV/AIDS	3	SS
			(even years)
PHC 6447	Ecology of HIV/AIDS in the Rural South	3	F
PHC 6530	PH Mothers & Children (online) [May require live online lectures]	3	S
PHC 6521	Fundamentals of Public Health Nutrition	3	S
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and Public Health	3	S
PHC6451	Building Resiliency in Individuals & Communities for PH	3	SS
PHC6937	Stigma & Health	3	SS
PHC6937	Social Stratification and Health	3	F
IV. P	ublic Health Electives: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC courses	Public health coursework offered by other concentrations	3	F,S,ss
PHC 6917	Supervised Research		
	(Requires approval of research supervisor and consent of faculty		
	advisor)	1-3	F,S,ss
PHC 6945	Public Health Practicum		
	(Requires approval of practicum site and consent of faculty advisor)	1-3	F,S,ss
	V. Applied Practice Experience: 3-6 credits (Accelerated: 3 Credits)		
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=summer; alt=alternate years. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

#### **BACK TO CONTENTS**

#### PUBLIC HEALTH PRACTICE

#### **Concentration Overview**

The <u>public health practice concentration</u> is targeted to the health professional who has already earned a doctorate in a health-related field, or for those who have been working in a professional capacity in the public health setting for several years. This program is also available to students enrolled in a concurrent or joint terminal degree program on the campus (e.g., MD/MPH, DVM/MPH, PharmD/MPH, etc.). This degree will enhance the working knowledge of health professionals by giving them a valuable, applicable, public health perspective on health issues as they relate to the public versus the individual. This concentration offers a broad exposure to a variety of public health courses across all the traditional public health concentrations. Such breadth is usually required of professionals who assume positions of leadership in public health. For these reasons, this concentration is not appropriate for the new bachelor's graduate or the working applicant who does not have several years of professional work experience in a health-related field. This concentration is offered both on-campus and online.

The curriculum for the online Public Health Practice concentration follows the same model as the other five concentrations. Students begin their programs with the MPH core courses required of all students. However, instead of a specified set of concentration core courses, students choose two to three courses from concentration core course options in two to four of the other concentrations. Selections must include at least one course in research methods. Other courses are focused on problem-based methodologies to enhance students' practice skill sets, as well as skills in research and writing. Students complete their degrees with an internship/Applied Practice Experience and an Integrative Learning Experience. The concentration is offered in the traditional 48-credit format or in an accelerated 42-credit format.

Eligibility for the public health practice MPH is summarized below.

48 credit traditional MPH program	42 credit accelerated program
Joint or concurrent professional/MPH program (e.g., JD/MPH,	Prior terminal health-related degree (e.g., PharmD, DPT, DVM, MD, PhD)
Professional health-related degree.	
Public health work experience for 3+ years after receiving a bachelor's degree.	
Professional hospital or laboratory work experience for 4+ years after receiving a bachelor's degree, and need to apply public health concepts at work.	

# **Concentration Competencies**

These are identified by the student, with their advisor, from any of the previously listed concentration specific competencies.

# **Public Health Practice Faculty**

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### **CAMPUS MPH Public Health Practice**

(Recommended for all Joint Degree Students)

# 48 or 42 Credit Concentration†

I. Public Healt	h Core: 18 credits	Credits	*Semester				
PHC 6050/2	Statistical Methods for Health Sciences I (blended) <b>OR</b> Introduction	3	F				
	to Biostatistical Methods (blended)						
PHC 6001	Principles of Epidemiology (blended)	3	F				
PHC 6313	Environmental Health Concepts in PH	3	F				
HSA 6114	Health Care System and Policy (blended)	3	F				
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F				
PHC 6940	Master of Public Health Capstone	3	F, S, ss				
II. Research M	ethods Course: Choose 3 credits	Credits	*Semester				
PHC 6700	Social & Behavioral Research Methods	3	F				
PHC 6000	Epidemiology Research Methods I	3	S				
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S				
HSA 7707	Health Services Research Methods I	3	F				
III. Concentra	tion Cores: 24 credits (Accelerated: 18 Credits)						
(Choose 2-3 co	ourses from each of at least 2 concentrations below)						
Biostatistics (	Requires PHC 6052)						
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S				
PHC 6089	Public Health Computing	3	S				
PHC 6059	Introduction to Applied Survival Analysis	3	F				
Epidemiology	(Requires PHC 6052)						
PHC 6000	Epidemiology Research Methods I	3	S				
PHC 6011	Epidemiology Research Methods II (requires PHC 6000)	3	SS				
PHC 6002	Epidemiology of Infectious Diseases (online)	3	SS				
PHC 6003	Epidemiology of Chronic Disease (online, live sessions required)	3	F				
Environmenta	Environmental Health (Requires PHC 6052)						
PHC 6304	Environmental Toxicology Applications in Public Health (blended)	3	F				
	[Pre-reqs: working knowledge of bio, physiology & biochem]						
PHC 6326	Environmental & One Health (online)	3	SS				
PHC 6424	Environmental Policy and Risk Management (online)	3	S				
PHC 6702	Environmental Monitoring & Exposure Assessment	3	S				
PHC 6018	Environmental Ecology of Human Pathogens (online)	3	S				
PHC 6764	Global Health and Development I	3	F				
Population He	ealth Management (Requires PHC 6050 or PHC 6052)						
PHC 6104	Evidence-Based Management of Public Health Programs (online)	3	F				
HSA 6436	Health Economics	3	S				
HSA 7759	Public Health Quality & Outcomes	3	S				
PHC 6716	Survey Research Methods	3	F				
PHC 6103	Systems Thinking and Public Health	3	SS				
Social and Bel	navioral Sciences (Requires PHC 6050 or PHC 6052)						
PHC 6700	Social & Behavioral Research Methods	3	S				
PHC 6251	Assessment and Surveillance in Public Health	3	SS				
PHC 6405	Theoretical Foundations in Public Health	3	SS				
PHC 6146	Public Health Program Planning and Evaluation	3	F				
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	F				
	Optional (Choose from electives in any concentration)						
PHC courses	Public Health coursework offered by other concentrations	3	F,S,ss				
	actice Experience (Accelerated: 3 Credits)	Credits	*Semester				
PHC 6941	Applied Practice Experience	3-6	F, S, ss				

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.
†42-credit concentration requires previous completion of a terminal health-related degree.

**Accepted Courses for MPH Joint Degree Programs (12 Credits Required)** 

	ourses for MFII Joint Degree Frograms (12		
DVM/MPH (Choos	se 12 credits)	Credits	*Semester
VEM 5141	Veterinary Infectious Diseases	3	Varies
VEM 5150	Veterinary Parasitology	1	Varies
VEM 5172	Veterinary Toxicology	1	Varies
VEM 5503	Veterinary Epidemiology	2	Varies
VEM 5504	Veterinary Preventive and Production Medicine	2	Varies
VEM 5143	Small Animal Applied Veterinary Microbiology	1	Varies
VEM 5144	Large Animal Applied Veterinary Microbiology	1	Varies
VEM 5153	Small Animal Parasitology	1	Varies
VEM 5154	Large Animal Parasitology	2	Varies
VEM 5176	Poisonous Plants	1	Varies
VEM 5313	Poultry Diseases	1	Varies
VEM 5322	Shelter Medicine	1	Varies
VEM 5324	Forensic Veterinary Medicine	1	Varies
VEM 5352	Dairy Production Medicine	1	Varies
VEM 5363	Diseases of Laboratory Animals	1	Varies
VEM 5501	Clinical Epidemiology	1	Varies
VEM 5530	Beef Production Medicine	2	Varies
VEM 5571	Emerging Diseases	1	Varies
MD/MPH (Choose		Credits	*Semester
BMS 6003	Genetics and Health	4	F
BMS 6091	Health Outcomes and Policy	1	S
BMS 6092	Research and Discovery	1	F
BMS 6300	Fundamentals of Microbiology and Immunology	4	S
BMS 6751	Nutrition and Health	1	F
BMS 6816	Introduction to Cancer Biology & Clinical Oncology	2	S
JD/MPH (Choose 1		Credits	*Semester
LAW 6470	Environmental Law	3	S
LAW 6714	Child, Parent, and State	3	S
LAW 6812	Poverty Law	3	S
LAW 6930	Wetlands and Watershed: Science, Law & Policy	3	S
LAW 6930	Adoption Law	2	S
LAW 6936	Environmental Justice Seminar	2	S
LAW 6936	Family Law and Social Policy	2	S
LAW 6936	Trade and Human Rights in America	3	S
DPT/MPH		Credits	*Semester
PHT 6605/8/9	Evidence Based Practice I, II, & III	8	Varies
PHT 6502/3/4	Health Promotion and Wellness I, II, & III	4	Varies
PharmD/MPH		Credits	*Semester
PHA 5007	Pharmacy & Population Health	2	F
PHA 5103	Principles of Patient-Centered Care	2	S
PHA 5244	Principles of Evidence-Based Practice	3	S
PHA 5703	Principles of Pharmacy Law & Ethics	1	S
PHA 5223	Pharmacoepidemiology & Drug Safety	2	F
PHA 5239	Pharmacy Law & Ethics	2	F
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<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

# ONLINE MPH Public Health Practice 48 or 42 Credit Concentration<sup>†</sup>

	48 or 42 Credit Concentration			
	Course	Credits	Semester Taught	
I. Public Health Core: 18 credits				
PHC 6001	Principles of Epidemiology	3	Spring/Summer/Fall	
PHC 6052/50	Intro to Biostatistical Methods OR Statistical Methods for Health Science I	3	Fall/Spring	
PHC 6313	Environmental Health Concepts in Public Health	3	Spring	
PHC 6410	Psychological, Behavioral, and Social Issues in Public Health	3	Spring/Fall	
HSA 6114	Health Care System and Policy	3	Summer	
PHC 6940	Public Health Capstone	3	All – last semester	
	II. Electives: 21-27 credits Choose 9 electives from below. If you are in the accelerated program, choose 7 electives from below.			
	Environmental Health			
PHC 6183	Public Health Disaster Preparedness and Emergency Response	3	Summer/ Fall	
PHC 6519	Zoonotic Diseases in Humans and Animals	3	Spring/ Summer	
PHC 6937	Special Topics: Environmental Epidemiology (Requires live online meetings)	3	Fall	
PHC 6520^	Introduction to Foodborne Diseases* (pre-req: PHC 6001)	3	Spring (even yrs)	
SWS 5551^	Soils, Water and Public Health	3	Spring	
PHC 6301 <sup>^</sup>	Aquatic Systems and Environmental Health (Requires live online meetings)	3	Spring (odd yrs)	
PHC 6424^	Environmental Policy and Risk Management	3	Spring	
PHC 6018^	Environmental Ecology of Human Pathogens	3	Spring	
PHC 6515^	One Health: Applied Techniques in Public Health Entomology	3	Summer	
PHC 6326^	Environmental and One Health	3	Summer	
PHC 6446^	Systems Thinking in One Health	3	Fall	
PHC 6304 <sup>^</sup>	Environmental Toxicology Applications in Public Health (blended)	3	Fall	
	Epidemiology	•		
PHC 6002	Epidemiology of Infectious Disease* (pre-req: PHC 6001 & PHC 6050/6052)	3	Summer	
PHC 6003	Epidemiology of Chronic Disease* (pre-req: PHC 6001 & PHC 6050/6052), live sessions required	3	Fall	
PHC 6009	Epidemiology and Biology of HIV/AIDS* (pre-req: PHC 6001)	3	Summer (even yrs)	
PHC 6521	Fundamentals of Public Health Nutrition	3	Fall	
PHC 6053	Regression Methods for the Health and Life Sciences* (pre-req: PHC 6052)	3	Spring	
	Population Health Management			
HSA 6115	Introduction to Management of Health Service Organizations	3	Spring	
PHC 6104	Evidence-based Management of Public Health Programs	3	Fall	
Social and Behavioral Sciences				
PHC 6146	Public Health Program Planning and Evaluation* (pre-req: PHC 6410)	3	Fall	
PHC 6195	Health Information for Diverse Populations: Theory and Methods	3	Spring	
PHC 6447	Ecology of HIV/AIDS in the Rural South	3	Fall	
PHC 6404	Sexuality, Gender, and Public Health	3	Spring	
PHC 6405	Theoretical Foundations of Public Health* (pre-req: PHC 6410)	3	Summer	
PHC 6700	Social and Behavioral Research Methods (preferred pre-req: PHC 6050/6052)	3	Summer	
PHC 6441	Health Disparities in the United States	3	Spring	
PHC 6704	Community Based Participatory Research	3	Fall	
PHC 6251	Assessment and Surveillance in Public Health* (pre-req: PHC 6410)	3	Spring	
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and Public Health	3	Spring	
PHC 6451	Building Resiliency in Individuals and Communities for Public Health	3	Summer	
III. Applied Practice Experience: 3 credits				
PHC 6941	Applied Practice Experience	3	All – last semester	

#### Notes

- There are several courses with the course number PHC 6937. These courses are currently classified as "special topics" courses and are awaiting permanent course number reassignments.
- Students in the Public Health Practice concentration must select at least two core areas (out of Environmental Health, Epidemiology, Public Health Management and Policy, and Social and Behavioral Sciences) and must take at least two courses in each of the selected core areas.
- Courses denoted with \* have pre-requisites.
- Courses denoted with \*\* fall under the general PHC 6937 course code.
- Courses denoted with ^ are offered by another department but approved for MPH coursework. These will have a different tuition rate.
- Geriatric Care Management electives are also available. If interested, please contact robynesmith@phhp.ufl.edu.
- +Students in the accelerated 42-credit program complete 2 credits of electives.
- A personalized plan of study will be created for each student upon admission and acceptance into the program.

# **College of Public Health and Health Professions**

<u>Sample</u> Student Plan of Study: Campus Public Health Practice - 48 Credit (Traditional) (Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

Graduate Year 1 Graduate Year 2

		Notes	
			Course
			PHC 6002
			PHC 6251
		Fall Semester_Total Hrs <u>12</u>	
Course	Hrs	Title	Course
		Public Health Core	
PHC 6410	3	Psych, Soc, Behavioral Issues in PH	PHC 6716
PHC 6001	3	Principles of Epidemiology	
HSA 6114	3	Health Care System and Policy	PHC 6764
PHC 6052	3	Introduction to Biostatistical Methods	
			PHC 6146
			HSA 6115
	Spring Sei	nester Total Hrs <u>12 (Accelerated: 9 Credits)</u>	
Course	Hrs	Title	Course
		Public Health Core	
PHC 6313	3	Environmental Health Concepts in PH	PHC 6941
	Concentr	ation Core-Population Health Management	
HSA 6436	3	Health Economics	PHC 6940
	Conc	entration Core -Environmental Health	
PHC 6018	3	Environmental Ecology of Humans & Animals	
		Concentration Elective	
	3		

Graduate Year 2				
Common Commonton Total Hara (				
	Summer Semester Total Hrs 6			
Course				
Concentration Core-Epidemiology				
PHC 6002	3	Epidemiology of Infectious Diseases (online)		
Concentration Core-Social and Behavioral Sciences				
PHC 6251	3	Assessment and Surveillance for PH		
Fall Semester Total Hrs 12 (Accelerated: 9 Credits)				
Course	Hrs	Title		
	1	centration Core -Research Methods		
PHC 6716	3	Survey Research Methods		
	Conc	entration Core –Environmental Health		
PHC 6764	3	Global Health and Development I		
(	Concentr	ration Core-Social and Behavioral Sciences		
PHC 6146	3	Public Health Program Planning and Evaluation		
С	oncentro	ation Core-Population Health Management		
HSA 6115	3	Introduction to Management of Health Services Org		
Spring Semester Total Hrs <u>6</u>				
Course	Hrs	Title		
		Applied Practice Experience		
PHC 6941	3	Applied Practice Experience		
Public Health Core				
PHC 6940	3	MPH Capstone		
	•	•		

# **College of Public Health and Health Professions**

Sample Student Plan of Study: Campus Public Health Practice - 48 Credit (Joint MD/MPH or PharmD/MPH)

#### **Graduate Year 1**

Fall Semester\_Total Hrs 15

Public Health Core

Principles of Epidemiology

Health Care System and Policy

Spring Semester Total Hrs 15

**EPI Concentration Core** 

Regression Analysis (online) PHM Concentration Core

Public Health Quality & Outcomes

Spatial Epidemiology

Health Economics

Epidemiological Research Methods I

Psych, Soc, Behavioral Issues in PH

Introduction to Biostatistical Methods

Environmental Health Concepts in PH

Title

Course

PHC 6410

PHC 6001

HSA 6114

PHC 6052

PHC 6313

Course

PHC 6000

PHC 6194

PHC 6053

HSA 6436

HSA 7759

Hrs

3

3

3

3

Hrs

3

3

3

#### **Graduate Year 2**

Summer Semester Total Hrs 6			
Course Hrs Title			
Applied Practice Experience			
PHC 6941	3	Applied Practice Experience	
		Public Health Core	
PHC 6940	3	MPH Capstone	

# College of Public Health and Health Professions <u>Sample Student Plan of Study: Campus Public Health Practice - 48 Credit (Joint DVM/MPH)</u>

Year	Fall Credits	Spring Credits	Summer Credits
Pre-DVM			Summer 2022
			PHC 6001 Principles of Epi (web) - 3
			HSA 6114 Health Care System & Policy (web) - 3
			PHC 6519 Zoonotic Diseases (web) - 3
			PHC 6183 Disaster Preparedness (web) - 3
1st Year	Fall 2022	Spring 2023	Summer 2023
	DVM Courses	DVM Courses	PHC 6313 Environmental Health (web) - 3
		VEM 5150 Vet Parasitology - 1	PHC 6515 One Health: Applied Techniques in
			Public Health Entomology (web) - 3
			PHC 6002 Epi Inf Diseases (web) - 3
			PHC 6937 Vet Epi Research (on campus) - 3
2 <sup>nd</sup> Year	Fall 2023	Spring 2024	Summer 2024
	DVM Courses	DVM Courses	DVM Clinical Rotations
	VEM 5141 Vet Infectious Diseases - 3	VEM 5503 Vet Epidemiology - 2	
	VEM 5172 Vet Toxicology - 1	VEM 5504 Vet Prev/Prod Medicine - 2	
3 <sup>rd</sup> Year	Fall 2024	Spring 2025	Summer 2025
	DVM Clinical Rotations	PHC 6050 Stat Methods (web) - 3	PHC 6941 – Applied Practice Experience - 3
		PHC 6410 Psych, Behav, Soc PH (web) - 3	PHC 6940 MPH Capstone - 3
	Start thinking about PH internship	DVM Courses	DVM Externships
		<u>Start planning PH internship</u>	
4 <sup>th</sup> Year	Fall 2025	Spring 2026	
	DVM Courses	DVM Clinical Rotations	
	DVM National Board Exam	MPH Special Project Presentation at CVM Phi	
		Zeta Research Emphasis Day	

Public Health Core Courses (16 credits):	Concentration Core Courses (15 credits):	Courses Accepted from DVM (12 credits):**
PHC 6001 Principles of Epidemiology – 3	Concentration 1: Environmental Health (EH) - 9	VEM 5150 Veterinary Parasitology – 1
HSA 6114 Health Care System and Policy – 3	Concentration 2: Epidemiology (Epi) - 6	VEM 5141 Veterinary Infectious Diseases - 3
PHC 6050 Statistical Methods for Health Sc – 3	PHC 6519 Zoonotic Dz Humans and Animals (EH) – 3	VEM 5503 Veterinary Epidemiology – 2
PHC 6313 Environ Health Issues in PH – 3	PHC 6183 Disaster Preparedness (EH) – 3	VEM 5172 Veterinary Toxicology - 1
PHC 6410 Psych, Beh, and Social Issues in PH – 3	PHC 6937 Health, Risk, and Crisis Comm (EH) – 3	VEM 5504 Veterinary Prev and Prod Medicine – 2
PHC 6601 Seminar in Contemporary PH Issues – 1	PHC 6937 Veterinary Epidemiologic Research (Epi) – 3	
PHC 6002 Epidemiology of Infectious Diseases (Epi) – 3		**These courses are required for the DVM. You will choose
Public Health Internship (3-6 credits): PHC 6941	3 additional graded DVM credits (must earn a grade of "C" or better). See Sample Curriculum on page 20 for options.	

The MPH portion of the joint DVM/MPH is a 48-credit program: 36 credits are completed in PHHP, and 12 credits are shared with the DVM degree.

#### MPH FACULTY ADVISOR

## **Assignment**

Near the end of their first year, each campus-based MPH student is assigned a faculty member in his/her concentration area to serve as Faculty Advisor. Online students will be assigned faculty advisors in the semester that they complete the Internship Questionnaire. This assignment is considered permanent unless the student and/or faculty member decide that another arrangement would be more advantageous to the student. For DVM/MPH students, an additional DVM advisor will be assigned through the College of Veterinary Medicine.

#### Request for Change in Advisor

Requests for changes to the student's Faculty Advisor may be initiated by the student or a faculty member by contacting the Associate Director of the MPH Program. No changes will be made in the final semester of the student's program of study.

#### **Faculty Advisor Role**

Faculty advisors contribute to student well-being in the following ways:

- Advise students on career options in public health;
- Advise the student when considering changes to the established plan of study (coursework to meet graduation requirements);
- Advise on (and approve) selection of APE hours or internship site;
- Work with the student when concerns arise about the internship:
- Assess the work products developed as part of the APE;
- Assign a pass or fail grade for the final internship;
- Advise the student on their capstone project conceptualization and completion;
- Work closely with the MPH program staff in all of the above to ensure success of all students; and
- Advise the MPH Director of any issues related to the student that may impact the student's academic progress.

Both students and advisors have a role in making the relationship a successful one.

#### PREPARING TO GRADUATE

#### **Important Information**

- 1. All students must submit the UF degree application in order to be added to the MPH degree list. The degree application can be accessed via one.uf.
- 2. Make sure you are aware of all forms required by the program and the Graduate School during your program, e.g., certification of all degree requirements, and application for degree form. Students are responsible for ensuring all forms are completed and submitted to the appropriate offices by the deadlines indicated.
- 3. The correct title of the degree: Master of Public Health (MPH)
- 4. Review the <u>Graduate Student Handbook</u>, which includes information on your rights, responsibilities, and procedures you need to follow to ensure all requirements for graduation are completed.
- 5. The Graduate School publishes important deadlines each semester which are available on the calendar on their website.
- 6. The term before you graduate you are responsible for checking your file in the Graduate Information Management System (GIMS) to ensure the correct concentration has been entered. Students should also check to make sure that any previous grade changes have been made and incompletes are resolved.
- 7. Per graduate school policy, students must register in their final term of registration (3 credits fall or spring semester; 2 credits summer semester) before graduating from the MPH.
- 9. Additional Information for currently enrolled students is available online at the <u>Graduate School website</u>.
- 10. The MPH program conducts exit surveys of graduating students each semester. The purpose of the exit survey is to elicit feedback about the MPH program from the student's perspective and to gauge the program's strengths, weaknesses and growth. After their final presentation, each student is asked to complete the survey within the APE Canvas portal. Completion of an exit survey is a graduation requirement.

# **Campus Facilities**

#### **HPNP Complex**

Most of your classes and the administrative areas for your programs are located in the HPNP (Health Professions, Nursing, & Pharmacy) Complex. This is a state-of-the-art, wireless facility shared by the colleges of Public Health and Health Professions, Nursing, and Pharmacy. The building is located just north of the Communicore building, the other major facility in which you may have classes. The HPNP Complex has five floors, with the ground floor and a section of the first floor representing common space. The upper floors house college-specific personnel with Public Health and Health Professions occupying the east wing, Nursing the middle section, and Pharmacy the west wing

**Class Locations:** The majority of your classes will be located on the ground or first floor of the HPNP Complex. In order to assist you in finding your classes, the layout is as follows:

- All classrooms assigned on the ground floor begin with the letter G. All classrooms on the first floor begin their numbering with a 1.
- The numbering continues from east to west with all rooms on the east side of the building (the Public Health and Health Professions side) beginning with a 1, the central part (Nursing) beginning with a 2, and the west side (the Pharmacy side), beginning with a 3. For example, if your classroom is scheduled to be in G300, your classroom location is on the ground floor on the west side of the building.
- The auditorium (1404) is located in the far west part of the building and has a reception area with tables below it on the ground floor allowing you to study and eat. There are vending machines and a student bulletin board located in the reception area.

**MPH Student Lounge:** The MPH student lounge is located on the third floor, room 3190, between the East elevators.

**Student Services Center:** The Student Services Center is located in the center section of the ground floor (G205). This is where you will find the financial aid advisor.

#### Library

The Health Science Center Library system is one of the largest health science center libraries in the United States. It is located on the first, second, and third floors of the Communicore Building. You must have your Gator One Card available when in the library because some library services are limited to Health Science Center personnel and students. Books placed on reserve for health science courses will be on the second floor of the library. There also is a computer lab on the second floor for conducting literature searches.

Hours: Monday - Thursday	7:30 am - 11:30 pm
Friday	7:30 am - 7:00 pm
Saturday	8:00 am - 5:00 pm
Sunday	1:00 pm - 11:30 pm

Holiday schedules are posted on the door of the library and published in the independent student newspaper, *The Florida Alligator*. Xerox machines are located on the second and third floors of the library. For additional information, check the brochures available at the library.

#### **Academic Technology Learning Spaces / Computer Labs**

AT Learning Spaces is open to all UF students for coursework and personal use. The space provides computer stations, study rooms, and printing services. All users must show a Gator One card. The labs are staffed with student lab operators who manage lab activity and provide limited software and hardware assistance. Staff do not teach classes or help students with their homework. For locations and more information visit their website.

#### **Bookstores**

The bookstore/convenience store for the Health Science Center is located in the Medical Sciences Building near the Post Office on the ground floor. This bookstore carries texts for HSC courses and is open Monday – Friday, 8:00 am – 4:00 pm.

#### **Career Resource Center**

The Career Resource Center provides career planning and employment assistance to all students and alumni. The center offers a wide range of seminars on topics such as interviewing techniques and resume preparation. In addition, the center contains an extensive library on different career options, data on economic trends, and facilitates recruitment activities for a variety of businesses. The Career Resource Center is located on the first floor of the Reitz Union. For more information, contact 392-1601 or visit their website.

#### **Counseling & Wellness Center**

The University Counseling Center, located in Peabody Hall, offers a wide range of services to assist students with academic, career, or personal questions and concerns. Services include individual and group counseling and therapy, workshops on a variety of topics, such as building math confidence, managing stress, and developing effective study skills, and services related to career development. For more information, contact 392-1575 or <a href="https://check.out.the.org/">check out the website</a>.

#### **CPR Certification**

You are encouraged to become CPR certified. CPR certification is offered through the American Heart Association and the Red Cross. For students' convenience, CPR courses are also regularly offered at the Student Health Care Center. Call 392-1161 x 4283 for further information.

#### Food Service

- The hospital cafeteria, Subway, and Wendy's, are all located on the first floor of Shands Hospital.
- The Sun Terrace is located in the courtyard near the entrance to the Health Science Center Library and has several dining options.
- Reitz Union, located on Museum Road, also offers a variety of restaurants. Days and hours vary per food court.

#### Gift Store and Miscellaneous Items

Shands Hospital houses a gift store called the Gift Stop, which is located on the main floor (first floor) of Shands. An ATM is also located near the central elevators near the cafeteria. The Reitz Union has many different shops that carry a variety of items. There are also ATMs located at the Reitz Union. Each of these stores has its own business hours.

#### **Newspapers**

Newspapers are available in UF Health Shands Hospital (near the East Entrance and North side of the Communicore Building) and on Museum road in front of Beaty Towers. *The Florida Alligator*, the "unofficial student newspaper," is distributed throughout the campus and can also be found at distribution points around the Gainesville community. It is published daily during the regular semester schedule.

#### **Parking**

Parking facilities are extremely limited. Therefore, you will be required to park in the area assigned to you at the time you register your vehicle on campus. Parking decals are available through <u>UF's Traffic and Parking Services online</u>.

#### Phone

Pay phones are located in the main lobby of Shands Hospital and at the Reitz Union. You are expected to use the pay phones for long distance calls.

#### **Post Office**

A post office is located on the ground floor of the Medical Sciences Building near the bookstore. Hours are Monday – Friday, 8:00 am – 3:00 pm.

#### **Teaching Center**

The Teaching Center provides students with assistance in written communication skills, such as developing and organizing papers, building vocabulary, grammar, and study skills, and GRE preparation. The center is located in S.W. Broward Hall. For more information, call 392-2010 or visit <a href="https://teachingcenter.ufl.edu/">https://teachingcenter.ufl.edu/</a>.

#### **Student Health Care Center at Shands Hospital**

The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services, including primary care, women's health care, immunizations, and pharmacy services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the website.

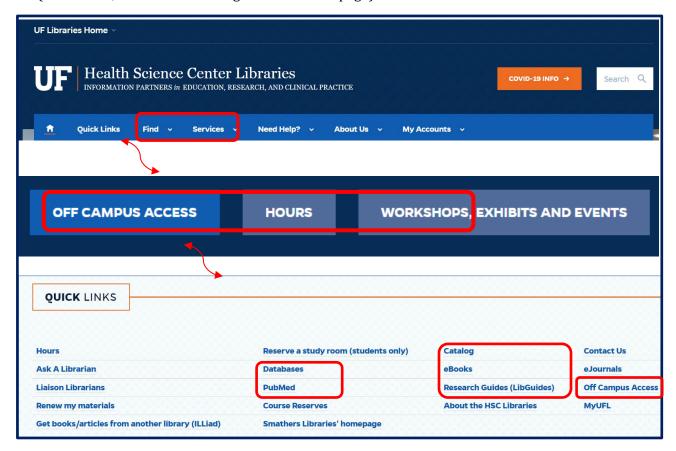
#### **Other Resources**

There are a variety of other services not represented in this manual that are available at the University of Florida. Examples include assistance for students with disabilities, legal services, speech and hearing services, dental care, and recreational facilities. You may consult the Graduate Catalog, the Student Guide, and the University Web site for descriptions and additional information. Contact the Office of Student Services, 392-1261, Peabody Hall, for your copy of the Student Guide or check out the DSO website.

#### UF LIBRARY RESEARCH

#### Health Science Center Library Webpage <a href="http://www.library.health.ufl.edu/">http://www.library.health.ufl.edu/</a>

The top and bottom of this page link you to databases, e-journals, e-books and other library services, a 3<sup>rd</sup> (minor area, even tho it's the highest one on the page) to some basic info.



#### Off-campus Access to UF Libraries' Electronic Content

https://uflib.ufl.edu/using-the-libraries/off-campus-access/

Note: For <u>access to ALL electronic resources</u> (Databases, eBooks, eJournals, course reserves materials) you <u>must</u> be on a <u>UF computer</u> OR <u>logged in to UF libraries through the VPN or Proxy</u>.

#### Virtual Private Network (VPN)

Instructions on downloading VPN ("Virtual Private Network") software, which takes at most 20 minutes. Easy, always available. BUT! requires login and can only be downloaded onto one non-SHARED computer.

#### **Proxy Server**

Available from any computer anywhere. But login required and must be enrolled/working at UF.

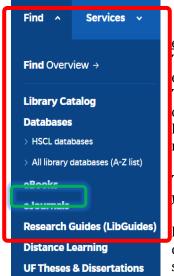
To login in **top pair** of boxes: Enter your GatorLink user name & password -- **OR**--

To login in the **bottom** pair of boxes. **Top** box: Enter the 14-digit (200XXX...) number under the barcode of your Gator1 card. **Bottom** box: Enter your birth *month* as 2 digits (June = 06) followed immediately following (without spaces) by *date* in 2 digits (the 5th = 05).

After successful login, hitting your browser's Back button can pop you out of the proxy. If you can't access a journal or e-resource that you think you should be able to access after you've logged in, check to make sure the .lp. is still in the URL. If it is not, you may have to login again. If it is, contact me or the library and we'll check UF access and repair if we need to.

#### Information resources that UF Libraries licenses for UF students

Click **FIND** and select the appropriate information tool from the selections: **Databases, eBooks or eJournals.** 



#### electronic)BOOKS

To look for eBooks whose author/title/publisher you don't know, use the eBook link under FIND or go to <a href="https://library.health.ufl.edu/find/ebooks/">https://library.health.ufl.edu/find/ebooks/</a>
The most likely sources for public healthe are Ebsco, Gale and Springer eBook collections.

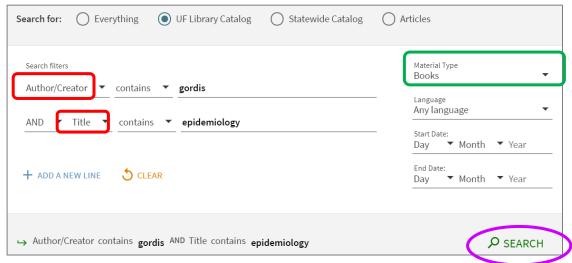
Download & print-out is usually by page, sometimes by section or chapter, rarely if ever the whole book.

The quickest way to search for a PRINT or Electronic book *whose title or author* you know is the <u>UF</u> (not statewide) **Library CATALOG.** 

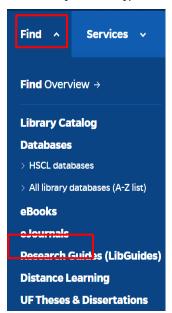
If you know **only one** *element* (title, author, subject), use the default basic catalog search shown below. Set the dropdowns beneath the search box to show that you only want books and you only want the words you've entered to appear in the title, author OR subject.



If you know 2+ elements--like author and title--use the **Advanced Search**. Below we're looking for author Leon Gordis' book entitled *Epidemiology*. In Advanced Search, you'll need to indicate the type of material (book, here) at the right. For print books, don't for get to note LOCATION of book (which library branch) and Call # (an alpha-numeric system for arranging print materials on library shelves by subject.)



#### e(lectronic) **JOURNALS**



To look for eJournals whose title you know, use the eJournal link under FIND

Note: Library catalog don't search for individual book chapters or journal articles, so search the **library catalog** for the **JOURNAL** title. Once you've identified the journal you're looking for, you can drill down to the volume, issue (year, month) and page number for the article you want.





To look for ALL journals (Print and Electronic), use the **Find** pulldown near the top of the Health Science Center Libraries' home page and scroll or click on **Library Catalog**.

Or if your screen is minimized, the solid blue bar of options (Quick Links, Find, Services, etc.) may not show at the top of the HSCL homepage. In that case, just scroll to the **bottom** of the page and click on **Catalog** 



Type in the **title** of the **JOURNAL** (Not of the ARTICLE), set the pulldown on the right to **UF Library Catal**og and set the two pulldowns under the search box to **Journals** and **in the title**. Finally, click on the green magnifying glass at the extreme right of the search box.



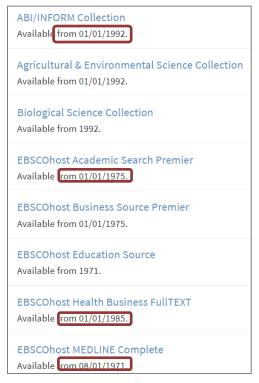
Enter **JOURNAL title** (NOT article title) or if you aren't completely sure, enter *distinctive* words from the *journal* title. If you can, before you start typing, check to see if the word Journal is actually part of the official title of the journal. PubMed journal title abbreviations are usually but not always recognized.

**Electronic** ≠ **full-text**: Table of Contents (TOC) or <u>TOC</u> + <u>Abstracts</u> may be the only items available electronically for **free**, especially for pre-1995 publications or those published within the past 18 months.

If a journal is not available in full-text through links in databases, check the library catalog to see if we have the *paper* issue for you to scan/photocopy/read. Or try *distinctive* title words/author last names in Google Scholar.

Here we've looked for *AJPH* and found several "runs" of it, with different date ranges.

Clicking on the **Available Online** link for the first entry yields a long list of databases that index *AJPH* and may have links to full-text. But notice the variety in years covered. Look for a link that will include the year you need before you click and get frustrated at lack of access!





Knowing how important the most recent issues are, journals often EMBARGO the most recent 6-12 months of their electronic versions so watch for that, too, before you click links.

When multiple sources are identified as having your target ejournal issue (as shown in light blue boxes above), select first **Springer, Wiley-Blackwell, Sage**, any source whose name contains the words **Academic** or **ScienceDirect** (especially Academic Search Premier) or **PubMed Central** for the easiest navigation to your target article and its most reliable access.

Many –tho not all--databases at <a href="https://library.health.ufl.edu/find/databases/">https://library.health.ufl.edu/find/databases/</a>

link to online versions of some—again, not all--journals. For example, if you're on a UF computer or have accessed PubMed

thru Proxy/VPN AND the UF library, the **Abstract** option in the Email or Display (upper left) will send you links to *possible* online full-text via publishers' webpages or through our library catalog.

PLEASE NOTE: No guarantees of full-text from **publishers'** buttons in PubMed unless the icon specifically says **FREE** (compare wording on icons below) OR **Open Access**. It can be worthwhile to try the publisher's icon if the UF button doesn't provide full-text. The **PMC** button should ALWAYS get you free full-text—on any computer, from anywhere at any time.



Aside from the **Free in PMC** button (2<sup>nd</sup> from right, top row above), PLoS, BMC or Open Access journals, your <u>best</u> chance for free electronic full-text access in PubMed *and other databases* when connecting on campus or thru VPN or the Proxy is via the **Find it @UF** button.

#### <u>UF Libraries CATALOG</u> https://uf.catalog.fcla.edu/uf.jsp

All PRINT journals and books owned by the Health Science Center Library are shelved on the 3<sup>rd</sup> floor (except those your professors have put on print COURSE RESERVES behind the Information Desk on the 1<sup>st</sup> floor—the same desk where you check out materials & study room keys.)

#### **UBorrow** (not yet available in new catalog as of 7/21/21)

Found a book/journal you need in ANY of the UF libraries but it's been checked out by someone else? Click **Request** under due date to have it recalled from the other user and held for you.

If you'd like to borrow a PRINT (NOT electronic book) that's not available at UF, you will--sometime later this academic year (maybe this calendar year)--be provided with a **UBorrow** button. Through this service, if a PRINT book is available at another college library in the state, submitting a UBorrow request will get it sent to you...

Just make sure you **return** it to a UF library **on time** so we can ship it back to the loaning library by its due date or you'll get a fine!

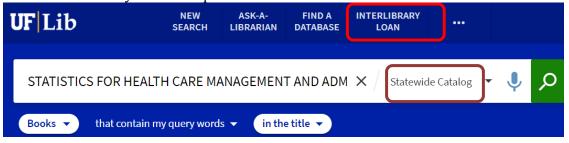
The request form will auto-fill the citation information. You will just need to indicate which UF library you wat to pick it up from, then click the **Place Request** button.

#### **INTERLIBRARY LOAN** (UF's system is called **ILLiad**)

Register (takes less than 2 minutes) and complete the request form

https://uflib.illiad.oclc.org/illiad/FUG/logon.html to borrow the print book from another library or get copies of journal articles, book chapters, etc. that are not available through our library or UBorrow systems.

Below, we've looked for a book that's in neither the UF NOR the statewide library catalog, so we can click the Interlibrary Loan to request it from elsewhere.



**Delivery can take several DAYS: plan your time accordingly!** We have no control over the schedules, manpower or technologies of these other libraries. Materials check-out period is the same for everyone—no extra time for posting through snail mail. So watch your due dates carefully. Use as quickly as you can and return immediately!

You will need your GatorLink user name and password for either of these last two options (**UBorrow** or **InterLibrary Loan**), or to request an item that someone else has checked out be recalled for you or that is unavailable because it is being repaired.

#### <u>Useful DATABASES of (mostly published) literature</u>

(on <a href="https://library.health.ufl.edu/find/databases/">https://library.health.ufl.edu/find/databases/</a> except when other URLs are given below):

1. **PubMed** = huge (30M+ entries) database. Use the navigation from the Databases page or <a href="https://pubmed.ncbi.nlm.nih.gov/?otool=ufhsclib">https://pubmed.ncbi.nlm.nih.gov/?otool=ufhsclib</a>. if you're logged in thru the Proxy OR VPN. Subject strengths: diseases, medical/surgical/pharmaceutical treatments, epidemiology, health admin/econ/policy, program evaluation, diagnosis, vet med, environmental health. Explore "FAQ and User Guide" links at <a href="https://pubmed.ncbi.nlm.nih.gov/help/">https://pubmed.ncbi.nlm.nih.gov/help/</a> to reduce # of irrelevant search results.

#### 2. EBSCOhost Web.

You can search multiple databases simultaneously. Probably the most useful ones:

- **Academic Search Premier** (multiple subjects, high percentage of full-text)
- APA PsycINFO (includes psychosocial risks/sequelae for physical conditions)
- CINAHL (esp. for health admin/rehab/patient care)
- Health Business (also for Health Admin: Business Source Premier and EconLit)
- Health Source: Nursing/Academic (for health admin/rehab/patient care)

Also potentially useful: Ageline (aging [50+ yr olds] issues); Biological & Agricultural Index; Business Source Premier (economics & management) Chicano Database; Communication & Mass Media Complete (health communication/promotion); Education Source; ERIC (education); Fish Fisheries & Aquatic Biodiversity Worldwide; GreenFILE (pollution, climate change); Health Source: Nursing/Academic Edition; LGBTQ+ Source; Psychology & Behavioral Sciences Collection; Public Administration; Race Relations; Sociological Collection; Sport Discus (fitness & nutrition).

3. **Web of Knowledge – Web of Science** enables you to build an entire paper from even a single citation by listing publications used to write that single article (Cited References) and publications that subsequently cited that article (Time Cited). Other potentially useful databases in this set:

Times Cited: 1 (from Web of Science Core Collection)

Web of Science Core Collection

Web of Science Core Collection

Russian Science Citation Index

SciELO Citation Index

CABI: CAB Abstracts® and Global Health®

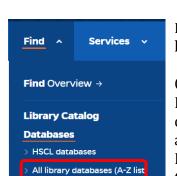
All Databases

Basic Search

cottler lb

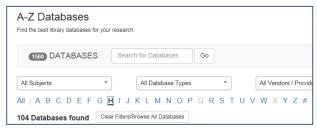
**CAB Abstracts and Global Health** and **Zoological Record.**Both cover zoonoses, animal health, nutrition. CAB also covers crop health. It is our only specifically global health database.

- 4. **EPA's Integrated Risk Information System** https://www.epa.gov/iris
- 5. **HeinOnline -** For **Legal** literature



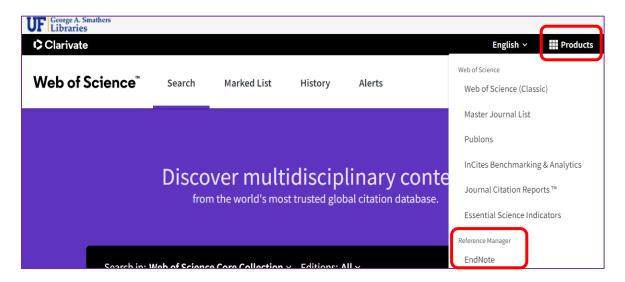
Find in the **All library databases A-Z List** at https://guides.uflib.ufl.edu/az.php

Click on the letter H, then scroll down the alphabetic list to HeinOnline. Scan the long list of the



many small databases with this resource. Of possible interest: Federal Register Library, Subject Compilation of State Laws, US Code, or US Statutes at Large

- 6. Nexis Uni—business and law Also available through the All Databases A-Z list link under N
- 7. EndNote Web formats references for you both in the body of your research paper and at its end. Free while you're a UF student. Easily shareable after you sign up for an account (MUCH easier to do on campus.) Available through the library's database Web of Science. Go to Products in upper right and under Reference Manager select EndNote toward the bottom of the list.



- 8. **Cochrane Library** for evidence-based medicine/policy/admin. <a href="http://www.cochranelibrary.com/">http://www.cochranelibrary.com/</a>
- 9. **ProQuest** = You can search multiple databases simultaneously but you're likely to get 1000s of results. To avoid irrelevant results from off-topic databases, search each database *individually*, using tis Advanced Search page and Thesaurus of subject headings if it has one. To access any listed below, go through HSCL's Databases page, select **ERIC** or **Dissertations & Theses**, then click **Change Databases** for the list to select from

Some entries on the **Select Databases** page contain a group of databases. Click to search all databases in the group OR click then the individual database to select specific databases within the group.

ABI INFORM and/or Business Market Research Collection = business, admin/mgt SciTech Premium Collection = includes Natural and Tech Collections and Science database Social Science Premium Collection: Includes Education, Politics (includes PAIS and Policy File for public policy) and Sociology Collections. The latter is where you'll find ASSIA (Applied Social Sciences Index &Abstracts—productive for me) and other social-behavioral databases. Dissertations: ProQuest Dissertations & Theses-Global (from the US & other English-speaking countries) provides many full-text for free. Note: Thesis in Europe can mean PhD work). Newspapers: US Major Dailies 1980-current Chicago Tribune, LA & NY Times, Washington Post. Historical Newspapers (farthest back 1851, most recent end 2005: Atlanta Constitution, Chicago Defender and Tribune, Christian Science Monitor, NY Times, Wall Street Journal, Washington Post)

Other potentially useful databases in ProQuest: **Ethnic NewsWatch, GenderWatch, GeoRef** (geosciences), **NTIS** (technology)

10. **Campbell Collaboration** <a href="https://campbellcollaboration.org/library.html">https://campbellcollaboration.org/library.html</a> for evidence-based literature reviews of social issues (business, education, int'l development, nutrition, criminal justice, disability, social welfare).

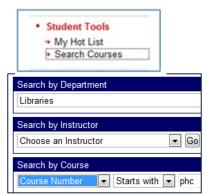
#### **Course Reserves**



#### **ELECTRONIC** RESERVES

Login. The system is programmed to show the VPN reminder even if you're on campus. Click **Services**, drag to **Course Reserves** 

https://library.health.ufl.edu/services/coursereserves/ Login using the code your professor has provided you. Use the pull-down menu to retrieve the list of electronic course reserve materials for your course by instructor, course or department.



#### **PRINT** RESERVES

Check out PRINT course reserve materials (books, chapters, videos) by requesting them with Gator1 card in hand at the Information Desk on the Health Science Center Library's 1st floor.

**Library classes** – on specific databases like PubMed, CINAHL and Web of Science; bibliographymaking software like EndNote, SciWheel and Zotero; systematic reviews; data management; GitHub; writing usable code, writing publishable articles. For schedule and registration <a href="https://ufl.libcal.com/calendar/HSCLWorkshops/">https://ufl.libcal.com/calendar/HSCLWorkshops/</a>

#### Help/Tutorials for databases, software and other information sources:

General databases and software <a href="https://library.health.ufl.edu/services/library-classes-and-tutorials/databasetutorialsandmore/">https://library.health.ufl.edu/services/library-classes-and-tutorials/databasetutorialsandmore/</a>

#### **Useful Websites**

- Public Health LibGuide <a href="http://guides.uflib.ufl.edu/public\_health">http://guides.uflib.ufl.edu/public\_health</a>
- Precision Public Health (data sets) <a href="https://guides.uflib.ufl.edu/precisionpublichealth">https://guides.uflib.ufl.edu/precisionpublichealth</a>
- **Florida Health CHARTS** <a href="http://www.flhealthcharts.com/charts/QASpecial.aspx">http://www.flhealthcharts.com/charts/QASpecial.aspx</a> (for Florida statistics)
  - Evidence-Based "Free" Public Health databases (some are free for U Massachusetts but not UF students, some are dysfunctional due to age) <a href="https://library.umassmed.edu/ebpph/phdbs\_az.php">https://library.umassmed.edu/ebpph/phdbs\_az.php</a>
  - Environment and Toxicology <a href="https://wayback.archive-it.org/org-350/20190606165728/https://envirotoxinfo.nlm.nih.gov/">https://envirotoxinfo.nlm.nih.gov/</a> (archived, no new content beyond 2018)
  - **HIV/AIDS** https://hivinfo.nih.gov/

# **UF Legal Information Center's "Legal Research for Undergraduates and Non-Law Students"**

- "Legal Research for Undergraduates and Non-Law Students"
   <a href="https://guides.law.ufl.edu/c.php?g=808130">https://guides.law.ufl.edu/c.php?g=808130</a> Cases and Codes/Statutes tabs especially useful
- Administrative Law <a href="https://guides.law.ufl.edu/adminlaw">https://guides.law.ufl.edu/adminlaw</a>

- Environmental Law https://guides.law.ufl.edu/environmentallaw
- Government documents https://guides.law.ufl.edu/GovDocs
- WestLaw, Lexis Advance databases: access only for UF Law students (not on All Libraries A-Z list).

#### **Health Science Center Library facilities:**

Hours: <a href="https://library.health.ufl.edu/about-us/hours/">https://library.health.ufl.edu/about-us/hours/</a>

**Study rooms**. Individual, on 2<sup>nd</sup> & 3<sup>rd</sup> floors, most with computers. Check out for a 4-hour period with your Gator1 (aka UF ID) Card with "Health Science Center" designation on it. Room space is renewable once, depending on demand.



For a *single* study room, show your HSC Gator1 card.

For a *group* study room, show 3 Gator1 cards: 2 of the 3 people *must* be present and 2 of the ID cards *must* have the HSC designation.

24/7 Access =  $2^{nd}$  floor of library available for study. Your GATOR 1 card is required.

**Gator1 Cards** must be active (holders must be enrolled in the *current* semester) for room use, to check out materials *or access library electronic resources from off campus*. To activate your card, have it scanned at any library's main desk.



Reserve study rooms at ttps://library.health.ufl.edu/services/reserve-a-room/reserve-a-study-room-students-only/

If you know in advance that you'll need articles and citations during an off-campus internship or unenrolled school term, use your time on campus before you go to set up your EndNote Web account and download PDFs of articles you KNOW you'll need. Abuse of these privileges could cost the whole campus its access or the University huge fees (which would probably raise your tuition.)

#### Copying/Printing.

- For instructions & costs go to <a href="https://library.health.ufl.edu/services/printing-and-copying/">https://library.health.ufl.edu/services/printing-and-copying/</a>, including instructions on using our 2- and 3-D printers
- Black & white copies/printouts =8¢/side (16¢/page Color laser = 75¢/page
- NO double-sided printing/copying
- Scanners on all 3 floors of the Health Science Center Libraries. Only print or email options. Bring a flash/thumb/jump/USB drive with you or ask if one is available at the Health Science Center Library's 1st floor Information desk.

#### **Other Health Science Center Library Facilities:**

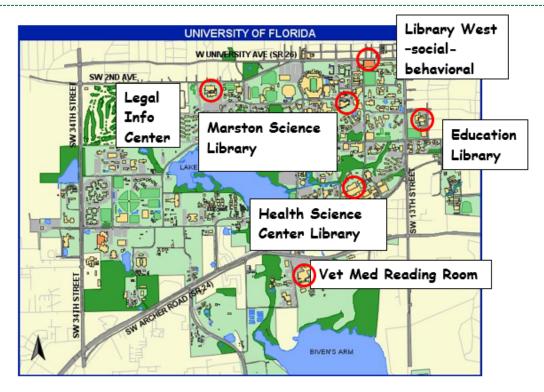
*Quiet study -* 3<sup>rd</sup> floor during library's main open hours

24/7 study – Available only to those who have applied with Health Science Center Libraries. Media players = a few study rooms have equipment for watching class-related videos STATISTICAL SOFTWARE (SPSS and SAS) is available on some public computers. Ask for directions to these computers at the Health Science Center Library's Information Desk on the 1st floor.

Which UF libraries to go to for materials on areas of interest to	PH students:
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Topic	"Best" Library	Library URL
Medicine, Health Professions,	Health Science Center	https://library.health.ufl.edu/
Health Administration		
Social/Behavioral Sciences	Library West	https://librarywest.uflib.ufl.edu/
Ag, Nutrition, Basic & Enviro Sci	Marston Science	https://marston.uflib.ufl.edu/
Health Econ, Admin/Mgt	Business Library (online only)	https://businesslibrary.uflib.ufl.edu/home
Health Education	Education	https://education.uflib.ufl.edu/
Health Policy, legislative/court info	Legal Information Center	https://guides.law.ufl.edu/website/home

The Health Science Center Library's  $2^{nd}$  floor has two "Energy" (aka sleep) pods  $\frac{\text{https://library.health.ufl.edu/2017/06/30/relax-in-our-energy-pods/}{\text{We almost always have a}}$  jigsaw puzzle going on the  $1^{st}$  floor under the stairs. Around final exam time we usually provide coffee and fairly healthy snacks, visits by a therapy dog and sometimes  $\frac{1}{3}$  art/craft/coloring projects.



Other potentially useful "LibGuides" from the UF library system:

Public Health <a href="https://guides.uflib.ufl.edu/public\_health">https://guides.uflib.ufl.edu/public\_health</a>

Precision Public Health <a href="http://guides.uflib.ufl.edu/precisionpublichealth">http://guides.uflib.ufl.edu/precisionpublichealth</a> (many sources of data)

Environmental & Global Health http://guides.uflib.ufl.edu/EGH

Health Services Research <a href="http://guides.uflib.ufl.edu/HSR">http://guides.uflib.ufl.edu/HSR</a> (includes admin, policy, econ)
Health Outcomes and Biomedical Informatics <a href="https://guides.uflib.ufl.edu/hobi">https://guides.uflib.ufl.edu/hobi</a>

Systematic Reviews (and other types of literature reviews) <a href="http://guides.uflib.ufl.edu/SR">http://guides.uflib.ufl.edu/SR</a>

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Writing/Publishing <a href="http://guides.uflib.ufl.edu/write-publish">http://guides.uflib.ufl.edu/write-publish</a>

Research Data Management @ UF http://guides.uflib.ufl.edu/datamanagement

Responsible Conduct of Research <a href="http://guides.uflib.ufl.edu/stemrcr">http://guides.uflib.ufl.edu/stemrcr</a>

Open Access <a href="http://guides.uflib.ufl.edu/OpenAccess">http://guides.uflib.ufl.edu/OpenAccess</a>

Copyright on Campus (Basics) <a href="http://guides.uflib.ufl.edu/copyright">http://guides.uflib.ufl.edu/copyright</a>

NIH Public Access Policy and Manuscript Submission <a href="http://guides.uflib.ufl.edu/nih">http://guides.uflib.ufl.edu/nih</a>

Infectious Diseases & Global Medicine <a href="http://guides.uflib.ufl.edu/infectiousdisease">http://guides.uflib.ufl.edu/infectiousdisease</a>

Health Literacy <a href="http://guides.uflib.ufl.edu/health-literacy">http://guides.uflib.ufl.edu/health-literacy</a>

Mobile Resources for Health <a href="http://guides.uflib.ufl.edu/mobilehealth">http://guides.uflib.ufl.edu/mobilehealth</a>

Hours (all campus libraries) <a href="http://www.uflib.ufl.edu/ps/hours/">http://www.uflib.ufl.edu/ps/hours/</a>

Your public health librarian: Nancy Schaefer <a href="mancys@ufl.edu">nancys@ufl.edu</a> Phone: 352.273.8417

Study places (all campus libraries) <a href="http://www.uflib.ufl.edu/studyareas.html">http://www.uflib.ufl.edu/studyareas.html</a>