DEPARTMENT of
ENVIRONMENTAL HEALTH
SCIENCES

BE SOMEBODY

Somebody should help us clean up our air.

Somebody should help put recess back in our schools.

Somebody should figure out how to help people with autism.

Somebody should try to solve health issues in the LGBTQ community.

Somebody should help prevent urban decay.

Somebody should help prevent students from dropping out.

Somebody should do something about the heroin epidemic.

Somebody should do something about childhood obesity.

Somebody should help lower the stroke risk in African Americans.

Somebody should do something to stop gun violence.

2019-20
MASTER OF PUBLIC HEALTH
ACADEMIC PROCEDURES
# Table of Contents

**Introduction to the Program** ........................................................................................................ 4

**Environmental Health Sciences Foci** .......................................................................................... 5

**Environmental Health Sciences Competencies** ......................................................................... 6

**Faculty**
  - Faculty and Staff Office Locations and Phone Numbers ............................................................... 7
  - Faculty Research Interests ............................................................................................................. 8

**Departmental Information**
  - General Information .................................................................................................................... 11
  - Department Mailing Address and Physical Location ................................................................. 11

**SOPH Information**
  - Staff and responsibilities ........................................................................................................... 12

**Useful Phone Numbers** .............................................................................................................. 14

**Registration Information**
  - BlazerID ..................................................................................................................................... 15
  - Banner Registration .................................................................................................................... 15

**MPH Environmental and Occupational Health Program Procedures**
  - Environmental & Occupational Health Procedures .................................................................... 16
  - Internships .................................................................................................................................. 18
  - Degree Planning Sheet: Environmental Health/Toxicology & 5th Year MPH ......................... 21
  - Degree Planning Sheet: ONLINE Environmental Health/Toxicology MPH ......................... 22

**MPH Industrial Hygiene Procedures**
  - Industrial Hygiene Procedures .................................................................................................. 23
  - Internships .................................................................................................................................. 27
  - Degree Planning Sheet: Industrial Hygiene MPH ..................................................................... 30
  - Degree Planning Sheet: Accelerated Industrial Hygiene MPH .............................................. 31

**List of Electives** .......................................................................................................................... 32
Crossword Puzzle

Across
6 Form of contraception that is, other than abstinence, the most effective form of prevention against sexually transmitted diseases such as HIV.
7 Group of minerals used as fireproof insulation material. Unfortunately, the large fibers of this material can cause severe respiratory problems such as mesothelioma and asbestosis.
9 Also known as the Occupational Safety and Health Administration, a government entity associated with ensuring the welfare of workers in the United States.
10 Administration of a weakened or inactive virus, highly important in the global elimination of smallpox.
11 Where we live and breathe; we are only as healthy as this.
14 A field of public health that uses biostatistics to indicate possible trends and risk factors for health problems in the population.
15 Also known as the World Health Organization, a vast organization that provides leadership on global health matters and works within the United Nations (UN).
16 Additive found in many foods and known to predispose one to cardiovascular problems. Banned from foods in California and New York restaurants. (2 words, e.g. xxxx xxxx)
17 Focusing on prevention, ensuring the health of entire populations. (2 words, e.g. xxxx xxxx)
20 Worse by the burning of fossil fuels, resulting in large changes in temperature and environment. (2 words, e.g. xxxx xxxx)
24 A public health measure to reduce exposure to disease through isolation and mostly used as a last resort. Eliminating the ability for the individual to have a choice in the matter, this creates the debate of liberty versus security.
25 Spread by mosquitoes in the form of protozoan parasites, a deadly disease highly prevalent in Africa. Those who are genetically heterozygous for the Sickle Cell Disease trait are actually protected against this affliction.
26 Unbreakable material that replaced glass in many instances, leading to more durable containers. However, there are great environmental concerns over creating the product and whether chemicals can go into foods and liquids.

Down
1 Harmful metallic element found largely as a component of paint, poisoning has taken numerous lives since, even after it was banned from paint products.
2 Found on rats, the vehicle for bubonic or black plague that ravaged Europe during the 14th Century.
3 Inequity, a lack of equality that can lead to reduced health.
4 Considered by many to be the first epidemiologist in recorded history. (2 words, e.g. xxxx xxxx)
5 Federal health insurance program for those over the age of 65. Primarily concerned with increasing access to health care and medication.
8 Public health initiative targeting water, which lowered the rates of cavities nationwide.
12 Viral infection, deemed by the World Health Organization in 1979 to be eradicated mostly through vaccination.
13 The leading cause of death in America. Risk factors include old age, high blood pressure, and smoking. (2 words, e.g. xxxx xxxx)
18 Form of treatment against bacterial infection that can become ineffective through improper or overuse. Penicillin is an example.
19 One of the largest emerging public health issues worldwide and responsible for a variety of health afflictions including type II diabetes and heart disease. Approximately 1/3 of Americans combat this on a daily basis.
21 Retrovirus that can cause Acquired Immunodeficiency Disorder Syndrome. Transmitted through blood (i.e. blood transfusions, intravenous drug use) and sexual contact.
22 Unicellular organisms that can be beneficial or detrimental to the body; found in foods such as cheese and yogurt. Escherichia Coli (E. Coli) is an example.
23 Federal health insurance program for those below the poverty line. Increases access to health care and medication.
Introduction

The Department’s Academic Procedures handout is meant to be a supplement to the Graduate School catalog and is intended to explain the policies and procedures particular to our department and the degrees we offer. Each student should access and become familiar with the UAB Graduate School of Public Health Catalog, online at http://catalog.uab.edu/graduate/.

The first section of the Procedures covers subjects common to the department as a whole. The subsequent sections deal with subjects pertaining to particular degree tracks. These procedures may not satisfactorily address all possible circumstances; therefore, if the need arises, the procedures may be amended during the academic year. A copy of amendments will be provided to all EHS faculty, staff, and students.
Environmental Health Sciences Foci

The Department of Environmental Health Sciences focuses on understanding the causes, mechanisms, and consequences of environmental and occupational hazards, as well as the prevention and management of these hazards.

The department has three main areas:

- Environmental and Occupational Health (MPH)
- Industrial Hygiene (MPH & MSPH)

Environmental and Occupational Health focuses on the identification and assessment of human health threats; on the prevention of disease and injury related to environmental and occupational agents; and, on the promotion of health among individuals, communities, and workers.

Industrial Hygiene is the science of anticipating, recognizing, evaluating and controlling the health hazards found in the work environment. The purpose of this degree is for the students to develop skills for protecting and enhancing the health and safety of people at work and in their communities. Health and safety hazards cover a wide range of chemical, physical, biological and ergonomic stressors.

The Department of Environmental Health Sciences offers MPH, MSPH, and PhD degree programs.
CEPH requires competencies be identified for each degree program and area of specialization within the program. Below are the MPH competencies. The competencies that guide the development of specific specializations are listed under the individual programs.

**MPH: Environmental & Occupational Health**

**MPH-EOH 1:** Explain environmental and occupational health theories and apply them to public health problems.

**MPH-EOH 2:** Create risk assessment approaches based on target populations.

**MPH-EOH 3:** Apply environmental justice principles in community and occupational settings.

**MPH-EOH 4:** Demonstrate an understanding of the regulatory policies and agencies that influence environmental and occupational health issues.

**MPH-EOH 5:** Evaluate the literature concerning environmental factors impacting human health.

**MPH: Industrial Hygiene**

**MPH-ENH-IHY 1:** Demonstrate knowledge on the scientific principles and fundamentals of industrial hygiene.

**MPH-ENH-IHY 2:** Use sampling and analytical methods to conduct occupational exposure assessment.

**MPH-ENH-IHY 3:** Demonstrate the fundamentals in controlling occupational exposure hazards.

**MPH-ENH-IHY 4:** Apply fundamental concepts of industrial hygiene theory to real life practical cases.

**MPH-ENH-IHY 5:** Explain knowledge on fundamental concepts of occupational safety and health.

**MPH-ENH-IHY 6:** Apply the basic regulations and standards of industrial hygiene and occupational health and safety to real field situations.
# Environmental Health Sciences Faculty and Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Office</th>
<th>Email</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allen, Shantice</td>
<td>996-6915</td>
<td>RPHB 534 B</td>
<td><a href="mailto:sallen1@uab.edu">sallen1@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Brown, Julie</td>
<td>975-8075</td>
<td>RPHB 227 B</td>
<td><a href="mailto:jebrown@uab.edu">jebrown@uab.edu</a></td>
<td>Coordinator, Graduate Programs</td>
</tr>
<tr>
<td>Fanucchi, Michelle</td>
<td>934-7230</td>
<td>RPHB 530 B</td>
<td><a href="mailto:fanucchi@uab.edu">fanucchi@uab.edu</a></td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Fields, Tara</td>
<td>934-6080</td>
<td>RPHB 530</td>
<td><a href="mailto:tfields@uab.edu">tfields@uab.edu</a></td>
<td>Office Svcs Specialist III</td>
</tr>
<tr>
<td>Ginter, Peter</td>
<td>975-8970</td>
<td>RPHB 530 C</td>
<td><a href="mailto:pginter@uab.edu">pginter@uab.edu</a></td>
<td>Professor &amp; Interim Chair</td>
</tr>
<tr>
<td>Harvard, Ginny</td>
<td>975-7032</td>
<td>RPHB 131 B</td>
<td><a href="mailto:ginnyd@uab.edu">ginnyd@uab.edu</a></td>
<td>Financial Associate</td>
</tr>
<tr>
<td>Holt, Paulisha</td>
<td>934-7178</td>
<td>RPHB 520 A</td>
<td><a href="mailto:pholt@uab.edu">pholt@uab.edu</a></td>
<td>Program Manager I Deep South Center</td>
</tr>
<tr>
<td>Holladay, Allyn</td>
<td>934-7209</td>
<td>RPHB 520 C</td>
<td><a href="mailto:allynh@uab.edu">allynh@uab.edu</a></td>
<td>Deputy Director Deep South Center,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Continuing Education &amp; Outreach</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Director Deep South Center</td>
</tr>
<tr>
<td>Karimi, Maryam</td>
<td>934-5931</td>
<td>RPHB 524 C</td>
<td><a href="mailto:Karimi@uab.edu">Karimi@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Lungu, Claudiu</td>
<td>934-2072</td>
<td>RPBH 520 B</td>
<td><a href="mailto:clungu@uab.edu">clungu@uab.edu</a></td>
<td>Associate Professor &amp; Director Deep South</td>
</tr>
<tr>
<td>McCormick, Lisa</td>
<td>934-7148</td>
<td>RPHB 140</td>
<td><a href="mailto:lmmccormick@uab.edu">lmmccormick@uab.edu</a></td>
<td>Center Associate Professor &amp; Associate Dean</td>
</tr>
<tr>
<td>Odame, Emmanuel</td>
<td>934-2740</td>
<td>RPHB 530 B</td>
<td><a href="mailto:David19@uab.edu">David19@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Oh, Jonghwa</td>
<td>934-6089</td>
<td>RPHB 524 B</td>
<td><a href="mailto:jonghwa@uab.edu">jonghwa@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Vilcassim, Ruzmyn</td>
<td>934-8927</td>
<td>RPHB 534 A</td>
<td><a href="mailto:ruzmyn@uab.edu">ruzmyn@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Wilson, Laura</td>
<td>934-7178</td>
<td>RPHB 520 D</td>
<td><a href="mailto:wilson75@uab.edu">wilson75@uab.edu</a></td>
<td>Program Coordinator, Deep South Center</td>
</tr>
<tr>
<td>Zierold, Kristina</td>
<td>934-1091</td>
<td>RPHB 534 C</td>
<td><a href="mailto:kzierold@uab.edu">kzierold@uab.edu</a></td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Allen, Shantice</td>
<td>996-6915</td>
<td>RPHB 534 B</td>
<td><a href="mailto:sallen1@uab.edu">sallen1@uab.edu</a></td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>
Shautice Allen, PhD, Assistant Professor and Program Director for One Great Community/Center for Clinical and Translational Science. Research interests include community resilience and livability; environmental justice and health equity along with community-based action research that enhances community health. allen1@uab.edu

Michelle V. Fanucchi, PhD, Associate Professor. Research interests include environmental justice and community-based participatory research; childhood lung disease and its etiology; pulmonary cell biology and toxicology of air pollutants, including particulates, ozone, chlorine and various polyromantic hydrocarbons; and cell-to-cell interactions in the developing lung as well as in repair after lung injury and disease in children. fanucchi@uab.edu

Peter M. Ginter, Ph.D., Professor and Interim Chair. Research interests include preparedness and emergency response, strategic management, leadership, and health organizations. pginter@uab.edu

Maryam E. Karimi, Ph.D., MPA, Assistant Professor. Research interests include identifying environmental risk and social vulnerability associated with the impact of Urban Heat Island (UHI), temperature variation and climate change caused by urban development and air pollution. Understanding the structure of cities, urbanization and the role of urban morphology in changing urban microclimate and urban health. Urban redesign and building sustainable cities at local and global level. Application of big data and sensing in developing models that predict environmental risk and social vulnerability associated with urban development (UHI), air pollution and population at risk. How and why temperature heterogeneities arise at the micro-scale—and public health—which populations are in greater peril for illness in the built environment. Karimi@uab.edu
Claudiu T. Lungu, PhD, Associate Professor and Director of the Deep South Center. Research interests include evaluation of adsorption characteristics of granular activated carbon and activated carbon fibers to be used in respiratory protection, protective clothing and environmental remediation applications. Use of new carbonaceous materials in air sampling devices through photothermal desorption. Design of new respirators using 3D scanning and rapid prototyping technology. Measurement and evaluation of VOC exposure in various workplaces. VOC emissions from building materials. Exposome, total exposure mapping. clungu@uab.edu

Lisa McCormick, DrPH, MPH, Associate Professor, Associate Dean for Public Health Practice. Research interests include public health preparedness and response, the organization of response systems, preparedness education and biosafety training programs, public health workforce development, mental health effects of disasters, and assessing interorganizational networks as a dimension of response capacity and community resiliency. Dr. McCormick is currently the Director of the CounterACT Research Center of Excellence in Arsenicals' Research Education Core, Director of the Deep South Biosafety and Infectious Disease Response Training Center, and Co-PI of the UAB Grand Challenge: Healthy Alabama 2030: Live HealthSmart. In addition, she serves as the Lead Evaluator for the Region IV Public Health Training Center housed at Emory University and is an Investigator with the UAB Applied Evaluation and Assessment Center. For more information on Dr. McCormick's publications, research and teaching please see: https://scholars.uab.edu/display/lcraft.

Emmanuel Odame, PhD., Assistant Professor. Research interests include human health impacts of climate change. WBGT applications in heat stress evaluation. Use of meteorological data to develop effective heat warning systems. Heat exposures in outdoor occupational settings. Assessing heat-related mortality and morbidity in rural, underserved communities. Health issues in migrant and seasonal workers. Community-based participatory research. david19@uab.edu

Jonghwa Oh, PhD, Assistant Professor. Research interests include Assessment of occupational hand-arm vibration exposure; Development of customized personal protective equipment (PPE) via 3D technology; Investigation of sustainable biomass-derived sorption materials for VOC; Development of innovative VOC analytical methods; Noise exposure assessment; Improvement of industrial ventilation. jonghwa@uab.edu
M.J. Ruzmyn Vilcassim, PhD, MS, Assistant Professor. Research interests include, exposure assessment and health impacts of air pollution, with a main focus on particulate matter air pollution; Low-cost sensor methods to measure exposures and cardiopulmonary health outcomes, and study dose-response relationships; Sources and composition of urban air pollution and their impacts on residents; Air quality in underground subway systems. Adverse health impacts of traveling to/visiting polluted cities abroad - how air pollution concentrations and composition impact the health of international travelers to polluted cities (Eg. Travelers from the US to New Delhi, India; Beijing, China). Health and air quality impacts of using alternative tobacco products in homes.  ruzmyn@uab.edu

Kristina Zierold, PhD, MS, Associate Professor. Research Interests include environmental epidemiology, environmental health, air pollution, children's environmental health, heavy metal exposure and health outcomes, particulate matter exposure and health outcomes, workplace safety and health in children and adolescents, environmental and social justice issues, air pollution modeling, and community-based research.  kzierold@uab.edu

Information for Secondary and Emeritus Faculty can be found on the department’s webpage, http://www.soph.uab.edu/ehs/faculty.
Departmental Information

General Information

Reference Materials
Students are welcomed to use books and journals located in the department. Check with each faculty member before looking for, or borrowing, any materials from his/her office as each has his own "check-out" procedures. The department maintains several journal subscriptions, as well as departmental copies of theses and dissertations and other reference materials, presently in the back hall. These references can be "checked-out", but are not to be removed from the building.

Reserving Conference and Class Rooms and Equipment
Conference and class rooms and equipment (e.g. pointer, laptop) are to be reserved on-line through 25 Live room reservation system.

Department Mailing Address and Physical Location
Department of Environmental Health Sciences
RPHB 530
1720 – 2nd Avenue South
Birmingham, Alabama 35294-0022

Department Web Site
For other departmental information and news please access our website at: http://www.soph.uab.edu/ehs

School of Public Health Physical Address
UAB School of Public Health
Ryals Public Health Building 530
1665 University Blvd
Birmingham, Alabama 35294-0022

School of Public Health Web Site
For other student information please access the school’s website at:
http://www.soph.uab.edu
**SOPH Information**

**Dean’s Office:**
Paul Erwin, M.D., Dr.P.H. is Dean of the School of Public Health.

Ela Austin, Ph.D., M.P.H. is the Associate Dean for Academic Affairs

April Carson, Ph.D., M.S.P.H., is the Associate Dean for Diversity

Paul Muntner, PhD, is the Associate Dean for Research

**Office of Public Health Practice**
Lisa McCormick, Ph.D. is the Associate Dean for Public Health Practice.

**Meena Nabavi, M.P.H.,** is the internship coordinator for the Departments of Environmental Health Sciences and Health Behavior.

Elena Kid, M.P.H. is the internship coordinator for the Departments of Epidemiology and Health Care Organization and Policy.

**Public Health Student Association:**
Public Health Student Association Representative:
Since its creation in 1978, the Public Health Student Association (PHSA) has supported the growth of the student experience. With its roots in the foundation of encouraging student involvement, advocacy, and leadership, PHSA has made many powerful strides in promoting the student voice and facilitating interactions between students, faculty, staff, and administrators. Through connecting students, faculty, staff and administrators, PHSA works to promote the School of Public Health, achievements of those in our community, and work that is being done in the field of public health. Students from each department elect one representative to serve for one year.

PHSA Responsibilities Include:
- Fostering an academic, professional, and social environment for students of the School.
- Facilitating an interactive relationship between faculty, staff, alumni, and students of the School.
- Promoting student involvement in the School, university, and community through service, programming, and special events.
- Presenting the suggestions and concerns of the student body to School officials.
- Contributing to the education and welfare of public health students in cooperation with public health organizations on a local, state, and national level.

To learn more about PHSA, please visit their Facebook page or contact the staff advisor, Ms. Meena Nabavi.
Computer and Network Access

Computers are available for your use in the Computer Resource Lab (CRL) located on the first floor in the Ryals Building. It is your responsibility to ensure that the department has your current UAB e-mail address and telephone number. This will enable you to receive important information from the Department regarding School and University deadlines as well as research, internship, and employment opportunities.
Useful Phone Numbers

Barnes and Noble Bookstore at UAB ............................... 205-996-2665

International Recruitment and Student Services ............... 205-934-3328

Disability Support Services ........................................ 205-934-4205

Graduate School ...................................................... 205-934-8227

Lister Hill Library ..................................................... 205-934-2230

Mervyn Sterne Library ............................................... 205-934-6364

Student Health Services ............................................ 204-934-3580

Student Housing ...................................................... 205-996-0400

UAB Parking ............................................................. 205-934-3513

UAB Police ............................................................... 205-934-4434

UAB Financial Aid .................................................... 205-934-8223

Emergency ............................................................... 911
**Registration Information**

**BLAZER ID**

Every Student is required to have a BlazerID and email, as The School of Public Health and the Department of Environmental Health Sciences uses this email to disseminate information and inform of any changes in courses or scheduling. You will also need a BlazerID to register. This link will take you to BlazerID Central; from there you will be able to get answers to any questions you may have.

**Banner Registration Information**

All registration is done online through BlazerNET. BlazerNET is designed especially for the internal UAB community, and provides centralized access to the information and services that students, faculty and staff need on a daily basis. From there you can get up-to-date information about UAB news and events to access to class registration, financial aid, grading, policies and forms, the Oracle Finance and HRM systems and more, BlazerNET puts what you need at your fingertips.

You can log on with your BlazerID by clicking here.

From there you can look up available classes. To be able to register you have to meet with your academic advisor or Julie Brown, MS, MBA, Coordinator, Graduate Academic Programs to discuss degree planning and course selection.
Environmental & Occupational Health Procedures

INTRODUCTION
The master of public health (MPH) degree in Environmental & Occupational Health is designed to augment prior education, previously-gained experience that an individual already possesses in one of the tracks, or provide a professional from another field (e.g., medicine, law, optometry) with a general background as well as public health.

MPH-EOH 1: Explain environmental and occupational health theories and apply them to public health problems.
MPH-EOH 2: Create risk assessment approaches based on target populations.
MPH-EOH 3: Apply environmental justice principles in community and occupational settings.
MPH-EOH 4: Demonstrate an understanding of the regulatory policies and agencies that influence environmental and occupational health issues.
MPH-EOH 5: Evaluate the literature concerning environmental factors impacting human health.

ADVISOR
Students are assigned a faculty advisor at the start of their program; however students need to consult with Ms. Julie Brown prior to registering each semester in the MPH program.

Students may choose to have a different advisor for their internship. This request must be approved before choosing an internship. The request to appoint your advisor must be submitted on the appropriate form and approved by the EOH Graduate Program Director, Dr. Kristina Zierold. See Ms. Julie Brown for details and forms.

CURRICULUM REQUIREMENTS
Students pursuing the MPH degree acquire knowledge of fundamental public health disciplines through the School core courses. In addition, a student will complete the department core courses and specific program track courses and electives as required. Electives are chosen in consultation with the student’s academic advisor. Electives outside the SOPH must be approved by the student’s academic advisor.

PROGRAM COMPLETION
You are responsible for meeting deadlines for graduation. Graduation deadlines are indicated in the School of Public Health Academic Calendar online. At the beginning of the semester of anticipated graduation, you must complete an "Application for Degree" form in BlazerNet. Your “Application for Degree” must be filled out, no later than two weeks into the expected semester of graduation.

In order to graduate, all degree requirements must be satisfied, and all “I” and “N” grades must be removed. You are expected to be enrolled for at least three credit hours of graduate work in your final semester prior to graduation.
Please meet with Ms. Julie Brown regarding the completion of the form.

AWARD OF DEGREE
Upon approval of the School of Public Health’s Associate Dean for Graduate Education and payment of any outstanding financial obligations to the university, the student will receive the degree of Master of Public Health.

Diplomas are issued at the end of each semester. Degrees are formally awarded at the University’s commencement exercises in December, April, and August. If the new graduate wishes to participate in the ceremony, a cap and gown must be ordered (and paid for) by the graduate through the Barnes and Noble Bookstore at least two months before the event.

SUMMARY OF PROCEDURES FOR THE MPH DEGREE
- Completion of required coursework
- Application for degree (Click here for deadline dates)
- Payment of appropriate fees by student
- Release of degree form before the end of the semester.
MPH Internship Overview
The MPH Internship provides an opportunity for students to gain hands-on experience in a public health practice setting. It is a 3-credit hour course that all MPH students are required to complete as part of their degree curriculum. The internship is designed to be flexible, allowing the student to tailor the experience to their area of specialization and interests. To be an acceptable MPH internship, the experience must take place within a public health practice setting and allow the student to practice MPH competencies. Students are eligible to register for the MPH Internship after completion of all of their core public health courses. The MPH Internship should be planned and approved by both the preceptor (site supervisor) and faculty advisor before the student begins their internship. Students must work a minimum of 180 hours with or on behalf of their host organization. All hours must be completed in a single semester. The final grade is awarded by the faculty advisor (pass/no pass). Upon completion of the internship, the student must submit at least two work products they developed during their internship. The work products should benefit the host organization and demonstrate growth and attainment of MPH competencies. All forms and documents are submitted online through InternTrack.

You may check with our department’s internship coordinator, Ms. Meena Nabavi (205/975-7644), the school’s website, UAB Handshake, or the Office of Public Health Practice student weekly newsletter for internship opportunities.

Internship sites may include governmental, non-governmental, non-profit, industrial and for-profit settings or appropriate university-affiliated settings. To be appropriate for an internship, university-affiliated settings must be primarily focused on community engagement and provide an opportunity for students to interact with external partners. University health promotion or wellness centers may be appropriate.

Registering for the Internship Experience
Before you are allowed to register for the internship course, you are responsible for the completion and submission of the "UAB School of Public Health Internship Description and Agreement Form." This is a signed agreement between the student, preceptor, and faculty advisor and is to be submitted via the SOPH InternTrack system. You can log into InternTrack with your Blazer ID and password here. Your faculty advisor and preceptor are required to approve and sign this document electronically, so it is important that you communicate with them as you complete the form. The hold on the internship course will not be lifted until both your faculty advisor and preceptor have approved the form. You should register under your academic advisor for ENH 697 – Internship in Health Behavior.

Students must complete a minimum of 180 contact hours with the organization during the semester in which they are registered for the internship. If the internship site requires that students to complete additional hours above the minimum 180 hours required, they must complete the number of hours requested by the internship site. Students are also required to upload the UAB MPH Internship Hour Log to InternTrack BEFORE their preceptor completes the Preceptor Final Evaluation of Student Performance. The preceptor will be asked to review the time sheet and verify the number of hours worked during the internship when completing the Final Evaluation of Student Performance.
Note: Credit cannot be applied retroactively to work you have done prior to registering for the internship. Students should feel free to contact their advisor, the Coordinator of Graduate Academic Programs, or Internship Coordinator (Ms. Meena Nabavi) if there are any questions or problems during the internship.

Grading
A final grade will be awarded by the faculty advisor and based upon the internship supervisor’s evaluation and the student's final products. All internships are graded on a Pass/No Pass basis.

Requirements
The student is responsible for the completion and submission of the "UAB School of Public Health Internship Description and Agreement Form." This form documents each person’s responsibilities and expectations, including a description of the learning objectives and MPH competencies of the placement, the activities to be performed by the student, and the anticipated final products. The focus of the internship MUST be public health practice. Research, clinical, and administrative internships are not appropriate. Examples of projects include: providing public health education, implementing a quality improvement project, or conducting disease surveillance. The internship must allow the student to demonstrate the attainment of 5 MPH competencies. Of these 3 must be MPH Foundational competencies, the remaining 2 should be departmental competencies.

The student must be able to submit a minimum of 2 work products demonstrating competency attainment in all 5 competencies. The final products must be approved by the preceptor prior to the start of the internship, developed by the student, and be beneficial to the host organization.

The following products are required for all MPH students upon completion of their internship:

- Student Midpoint and Final Evaluations
- Preceptor Midpoint and Final Evaluations
- Poster and attendance at poster presentation
- A minimum of 2 work products demonstrating competency attainment in all 5 competencies

More information on the final products can be found on the field placement website. All final products should be submitted via InternTrack.

Midpoint Meeting and Evaluation Requirements
The midpoint meeting is an opportunity for you to reflect on where you are in your internship and evaluate what needs to be done for you to gain the most out of your experience. Approximately halfway through the internship, the student and preceptor complete the midpoint meeting evaluation in InternTrack. You should set up a time to meet with your preceptor and faculty advisor to review this information. Your faculty advisor will complete the midpoint meeting confirmation form to confirm the meeting took place.

Internship Poster Session
At the end of the internship, prior to the end of exams for that semester, a poster session will be held to showcase the internships completed during that semester. Students will receive detailed instructions on how to create their
poster prior to the event. **Attendance is mandatory, as it is a required component to the internship experience.** Failure to attend (or late arrival) without permission will result in a No Pass grade for the internship course. **Alternative Option:** Limited exceptions will be made for students still completing their internships out of the state or internationally, completing their residency program at the time of the poster session, or cannot attend due to medical reasons.

**Final Work Products**
The internship must allow the student to demonstrate 5 MPH competencies. Competency attainment is assessed through the submission of work products you develop during your internship that represent the competencies selected. **Students must submit a minimum of two final work products ensuring all five competencies are represented in the work products you submit.** It is common for students to submit more than two work products. Products are tangible work items you develop during the internship that benefit both the student and the organization. Examples include: a data analysis report, data set, grant proposal, health education material, infographic, needs assessment, policy analyses, program evaluation. More examples can be found on the [SOPH Field Placement website](https://sophfieldplacement.com).

**Final Evaluations**
Both the student and the preceptor will complete an evaluation via InternTrack during the last week of the semester. In addition, the student should also submit the agreed-upon final products to the same designee.

For complete internship requirements please review the [SOPH Field Placement website](https://sophfieldplacement.com).
**Curriculum Planning Worksheet**  
**Environmental Health Sciences**  
**MPH Environmental & Occupational Health/Fast Track**

**Name:**  
**Banner ID:**

**MPH core courses (except for PUH 695) MUST be taken before students register for the internship. PUH 695, MUST be taken in the final semester of enrollment (students graduating in summer must take in spring).**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Term Course Available*</th>
<th>Credit Hours</th>
<th>Year Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall</td>
<td>Spr</td>
<td>Sum</td>
<td></td>
</tr>
<tr>
<td><strong>Core Requirements: 20 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BST 601: Biostatistics I</td>
<td>C</td>
<td>O</td>
<td>CO</td>
<td>4</td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>C</td>
<td>O</td>
<td>CO</td>
<td>3</td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>CO</td>
<td>C</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>C</td>
<td>O</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>O</td>
<td>C</td>
<td>O</td>
<td>4</td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>CO</td>
<td>CO</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td><strong>Department Track Requirements: 14 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 612: Assessing &amp; Managing Environmental Risks</td>
<td>O</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 615: Environmental Justice</td>
<td>C</td>
<td></td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C</td>
<td></td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>ENH 660: Fund. Of Air &amp; Water Pollution</td>
<td>O</td>
<td></td>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>CO</td>
<td>CO</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>CO</td>
<td>CO</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>Departmental Electives: 6 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CO</td>
<td>CO</td>
<td>CO</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CO</td>
<td>CO</td>
<td>CO</td>
<td>3</td>
</tr>
<tr>
<td><strong>Internship: 3 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 697: Internship</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credit Hours Earned for Degree**  
43

C= In class; O= Online; CO = Either Option Available; I = On Preceptor site  
*Please note that course availability is subject to change.
# Curriculum Planning Worksheet

**Environmental Health Sciences**
**MPH Environmental & Occupational Health - Online**

Name: 

Banner ID: 

All MPH core courses MUST be taken before you register for your internship PUH 695 Integrative Experience, MUST be taken in the final semester of enrollment.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Term Course Available</th>
<th>Credit Hours</th>
<th>Year Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall</td>
<td>Spr</td>
<td>Sum</td>
<td></td>
</tr>
</tbody>
</table>

**Core Requirements:** 20 Hours

- **BST 601: Biostatistics I**
  - O  O  4
- **ENH 600: Fundamentals of Env. Health Sciences**
  - O  O  3
- **EPI 600: Introduction to Epidemiology**
  -  O  O  3
- **HB 600: Social & Behavioral Sciences Core**
  -  O  O  3
- **HCO 600: Intro to Public Health & Pop Based Hlth Programs**
  -  O  O  4
- **PUH 695: The Public Health Integrative Experience**
  -  O  O  3

**Department Track Requirements:** 14 hours

- **ENH 612: Assessing & Managing Environmental Risks**
  - O  3
- **ENH 615: Environmental Justice**
  -  3
- **ENH 650: Env. & Occp Toxicology & Diseases**
  -  O  3
- **ENH 660: Fund. Of Air & Water Pollution**
  -  O  3
- **ENH 691: Current Topics in ENH Occup. Health & Safety**
  -  O  O  1
- **ENH 691: Current Topics in ENH Occup. Health & Safety**
  -  O  O  1

**Departmental Electives:** 6 hours

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spr</th>
<th>Sum</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>3</td>
</tr>
</tbody>
</table>

**Internship:** 3 hours

- **ENH 697: Internship**
  - I  I  I  3

**Total Credit Hours Earned for Degree**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>43</td>
</tr>
</tbody>
</table>

O= Online; I = On Preceptor site

*Please note that course availability is subject to change.*
Industrial Hygiene Procedures

INTRODUCTION
The Master of Public Health degree is designed to provide an intensive educational experience for students with or without previous experience in the desired track of study.

COMPETENCIES

INDUSTRIAL HYGIENE FOCUS:
- MPH-ENH-IHY 1: Demonstrate knowledge on the scientific principles and fundamentals of industrial hygiene.
- MPH-ENH-IHY 2: Use sampling and analytical methods to conduct occupational exposure assessment.
- MPH-ENH-IHY 3: Demonstrate the fundamentals in controlling occupational exposure hazards.
- MPH-ENH-IHY 4: Apply fundamental concepts of industrial hygiene theory to real life practical cases.
- MPH-ENH-IHY 5: Explain knowledge on fundamental concepts of occupational safety and health.
- MPH-ENH-IHY 6: Apply the basic regulations and standards of industrial hygiene and occupational health and safety to real field situations.

CURRICULUM REQUIREMENTS
Students pursuing the MPH degree acquire knowledge of fundamental public health disciplines through the School core courses. In addition, a student will complete the department core courses and specific program track courses and electives as required. Electives are chosen in consultation with the student’s academic advisor. Electives outside the SOPH must be approved by the student’s academic advisor. The MPH students in Industrial hygiene are required to conduct a research project and write the result of the project in a master project report.

ADVISOR
Students are assigned a faculty advisor at the start of their program; however students need to consult with Julie Brown, MS, MBA prior to registering each semester in the MPH program.

Students may choose to have a different advisor for their internship. This request must be approved before choosing an internship. The request to appoint your advisor must be submitted on the appropriate form and approved by the IHY Graduate Program Director, Claudiu Lungu. See Julie Brown, MS, for details and forms.

RESEARCH ADVISOR
During the first year of study, MPH students should discuss their research interests with faculty in the department. By late 2nd semester, (mid-1st semester for those in the accelerated IH program) the student will identify and request one faculty member to be the research advisor for his/her project. Be aware that
in some cases faculty members of choice may not be able to comply with a request to be research advisor since this workload must be distributed roughly evenly among the faculty. The research advisor will also then serve as the student's academic advisor. When there is a change of advisor, the student should advise Ms. Julie Brown, and the appropriate form will be sent to the Office of Academic Affairs and Strategic Programs.

RESEARCH PROJECT
A grade of Pass/No Pass will be assigned each semester that is based upon the quality and depth of the deliverable (described below). Should the student fail to submit the deliverables, NP will be assigned. Extenuating circumstances or factors beyond the control of the student will be taken into consideration if deliverables are not completed at the required time.

Second Semester of the First Year
During the first year students should have informal discussions with faculty members regarding potential research projects. By the end of the second (first semester for IH accelerated students) semester of the first year, the student should have selected a research advisor. A "Change of Advisor" form should be completed if the research advisor is different from the academic advisor. This form can be obtained from SOPH website.

The student and advisor will develop an idea for a research project. The student will present the advisor with a one- to two-page description of the problem to address general strategy and expected outcomes before the end of the second semester (first semester for IH accelerated students). A second reader for the project should also be identified by this time.

First Semester of Second Year
In the first semester of the second year (first semester of the first year for IH accelerated students), the student will register for at least two hours of ENH698-Master's Level Directed Research. By this time, a second reader faculty familiar with the research topic should be identified. The student should begin work on the research project at the beginning of the semester.

Second Semester of Second Year
The student will register for at least one hour of ENH 698. The student should meet weekly with his/her advisor, and if applicable, with the second reader as appropriate, to discuss the status of the research. A first draft of the research report should be submitted to the research advisor no later than six weeks prior to the last day to defend (last day of class). A meeting date should be scheduled with the advisor to discuss the first draft at the earliest possible date.
**Final Report**

When the research report is acceptable to the advisor and second reader the students should prepare a power point presentation that will be publically presented by the student either in the department seminar or other venue. At minimum the adviser and the second reader should participate to this presentation.

Once the presentation is considered adequate and the student responds adequately to the questions during the public presentation and private meeting with the adviser and second reader a passing grade for ENH 698 will be awarded and the student is ready for graduation. The student will provide the department or the advisor with a hard and digital copy of the final report and all collected data.

**PROGRAM COMPLETION**

You are responsible for meeting deadlines for graduation. Graduation deadlines are indicated in the School of Public Health Academic Calendar online. At the beginning of the semester of anticipated graduation, you must complete an "Application for Degree" form in BlazerNet. Your “Application for Degree” must be filled out, no later than two weeks into the expected semester of graduation.

In order to graduate, all degree requirements must be satisfied, and all “I” and “N” grades must be removed. You are expected to be enrolled for at least three credit hours of graduate work in your final semester prior to graduation.

Please meet with Julie Brown, MS regarding the completion of the form.

**AWARD OF DEGREE**

Upon approval of the School of Public Health’s Associate Dean for Graduate Education and payment of any outstanding financial obligations to the university, the student will receive the degree of Master of Public Health.

Diplomas are issued at the end of each semester. Degrees are formally awarded at the University’s commencement exercises in April, August, and December. If the new graduate wishes to participate in the ceremony, a cap and gown must be ordered (and paid for) by the graduate through the Barnes and Noble Bookstore at least two months before the event.

**SUMMARY OF PROCEDURES FOR THE MPH DEGREE**

- Completion of coursework
- Appointment of a research adviser and second reader
- Application for degree (Click here for [deadline dates](#))
• Provide department with one copy of report
• Provide advisor with electronic copy of document and all data
• Clean up lab area utilized and properly store all supplies (Check List Signed)
• Correctly dispose of hazardous /biological/radioactive wastes (Check List Signed)
• Turn in keys
• Payment of appropriate fees by student
• Graduate program director sends School of Public Health all final papers.
**MPH Internship Overview**

The MPH Internship provides an opportunity for students to gain hands-on experience in a public health practice setting. It is a 3-credit hour course that all MPH students are required to complete as part of their degree curriculum. The internship is designed to be flexible, allowing the student to tailor the experience to their area of specialization and interests. To be an acceptable MPH internship, the experience must take place within a public health practice setting and allow the student to practice MPH competencies. Students are eligible to register for the MPH Internship after completion of all of their core public health courses. The MPH Internship should be planned and approved by both the preceptor (site supervisor) and faculty advisor before the student begins their internship. Students must work a minimum of 180 hours with or on behalf of their host organization. All hours must be completed in a single semester. The final grade is awarded by the faculty advisor (pass/no pass). Upon completion of the internship, the student must submit at least two work products they developed during their internship. The work products should benefit the host organization and demonstrate growth and attainment of MPH competencies. All forms and documents are submitted online through InternTrack.

You may check with our department’s internship coordinator, **Ms. Meena Nabavi** (205/975-7644), the school’s [website], [UAB Handshake], or the Office of Public Health Practice student weekly newsletter for internship opportunities.

Internship sites may include governmental, non-governmental, non-profit, industrial and for-profit settings or appropriate university-affiliated settings. To be appropriate for an internship, university-affiliated settings must be primarily focused on community engagement and provide an opportunity for students to interact with external partners. University health promotion or wellness centers may be appropriate.

**Registering for the Internship Experience**

Before you are allowed to register for the internship course, you are responsible for the completion and submission of the "UAB School of Public Health Internship Description and Agreement Form." This is a signed agreement between the student, preceptor, and faculty advisor and is to be submitted via the SOPH InternTrack system. You can log into InternTrack with your Blazer ID and password [here](#). Your faculty advisor and preceptor are required to approve and sign this document electronically, so it is important that you communicate with them as you complete the form. **The hold on the internship course will not be lifted until both your faculty advisor and preceptor have approved the form.** You should register under your academic advisor for ENH 697 – Internship in Health Behavior.

Students must complete a minimum of 180 contact hours with the organization during the semester in which they are registered for the internship. If the internship site requires that students to complete additional hours above the minimum 180 hours required, they must complete the number of hours requested by the internship site. Students are also required to upload the UAB MPH Internship Hour Log to InternTrack BEFORE their preceptor completes the Preceptor Final Evaluation of Student Performance. The preceptor will be asked to review the time sheet and verify the number of hours worked during the internship when completing the Final Evaluation of Student Performance.
Note: Credit cannot be applied retroactively to work you have done prior to registering for the internship. Students should feel free to contact their advisor, the Coordinator of Graduate Academic Programs, or Internship Coordinator (Ms. Meena Nabavi) if there are any questions or problems during the internship.

Grading
A final grade will be awarded by the faculty advisor and based upon the internship supervisor's evaluation and the student's final products. All internships are graded on a Pass/No Pass basis.

Requirements
The student is responsible for the completion and submission of the "UAB School of Public Health Internship Description and Agreement Form." This form documents each person’s responsibilities and expectations, including a description of the learning objectives and MPH competencies of the placement, the activities to be performed by the student, and the anticipated final products. The focus of the internship MUST be public health practice. Research, clinical, and administrative internships are not appropriate. Examples of projects include: providing public health education, implementing a quality improvement project, or conducting disease surveillance. The internship must allow the student to demonstrate the attainment of 5 MPH competencies. Of these 3 must be MPH Foundational competencies, the remaining 2 should be departmental competencies.

The student must be able to submit a minimum of 2 work products demonstrating competency attainment in all 5 competencies. The final products must be approved by the preceptor prior to the start of the internship, developed by the student, and be beneficial to the host organization.

The following products are required for all MPH students upon completion of their internship:

- Student Midpoint and Final Evaluations
- Preceptor Midpoint and Final Evaluations
- Poster and attendance at poster presentation
- A minimum of 2 work products demonstrating competency attainment in all 5 competencies

More information on the final products can be found on the field placement website. All final products should be submitted via InternTrack.

Midpoint Meeting and Evaluation Requirements
The midpoint meeting is an opportunity for you to reflect on where you are in your internship and evaluate what needs to be done for you to gain the most out of your experience. Approximately halfway through the internship, the student and preceptor complete the midpoint meeting evaluation in InternTrack. You should set up a time to meet with your preceptor and faculty advisor to review this information. Your faculty advisor will complete the midpoint meeting confirmation form to confirm the meeting took place.

Internship Poster Session
At the end of the internship, prior to the end of exams for that semester, a poster session will be held to showcase the internships completed during that semester. Students will receive detailed instructions on
how to create their poster prior to the event. **Attendance is mandatory, as it is a required component to the internship experience.** Failure to attend (or late arrival) without permission will result in a No Pass grade for the internship course. **Alternative Option:** Limited exceptions will be made for students still completing their internships out of the state or internationally, completing their residency program at the time of the poster session, or cannot attend due to medical reasons.

**Final Work Products**
The internship must allow the student to demonstrate 5 MPH competencies. Competency attainment is assessed through the submission of work products you develop during your internship that represent the competencies selected. **Students must submit a minimum of two final work products ensuring all five competencies are represented in the work products you submit.** It is common for students to submit more than two work products. Products are tangible work items you develop during the internship that benefit both the student and the organization. Examples include: a data analysis report, data set, grant proposal, health education material, infographic, needs assessment, policy analyses, program evaluation. More examples can be found on the [SOPH Field Placement website](#).

**Final Evaluations**
Both the student and the preceptor will complete an evaluation via InternTrack during the last week of the semester. In addition, the student should also submit the agreed-upon final products to the same designee.

For complete internship requirements please review the [SOPH Field Placement website](#).
Curriculum Planning Worksheet
Environmental Health Sciences
MPH Industrial Hygiene Program - 2019-20

PUH 695, Integrative Experience, MUST be taken in the final semester of enrollment (students graduating in summer must take in spring).

Name: ____________________________  Banner ID: ____________________________
Start Date: ______________________  Graduation Date: ______________________
Current GPA: ____________________  Faculty Advisor: _______________________

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Term Course Available*</th>
<th>Credit Hours</th>
<th>Term /Year Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Requirements: 20 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BST 601: Biostatistics I</td>
<td>C</td>
<td>O</td>
<td>CO</td>
<td>4</td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>C</td>
<td>O</td>
<td>CO</td>
<td>3</td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>O</td>
<td>C</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>C</td>
<td>O</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>HCO 600: Management and Policy in Public Health Systems and Services</td>
<td>O</td>
<td>C</td>
<td>O</td>
<td>4</td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>C/O</td>
<td>C/O</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Department Track Requirements: 29 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 612: Assessing &amp; Managing Environmental Risks</td>
<td>O</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 621: Fundamentals of Industrial Hygiene</td>
<td>O</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 624: Control of Occupational Hazards</td>
<td>C</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 625: Industrial Hygiene Case Studies</td>
<td>C</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 626: Physical Agents</td>
<td>C</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 661: Environmental Sampling and Analysis</td>
<td>C</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 670: Fundamentals of Occ Saf &amp; Ergonomics</td>
<td>O</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 680: Field Interdisciplinary Studies</td>
<td>C</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENH 681: Interdisciplinary Worksite Evaluations</td>
<td>C</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C</td>
<td>C</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C</td>
<td>C</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENH 698: Masters Directed Research</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>Internship - 3 hours</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>3</td>
</tr>
<tr>
<td>Departmental Elective: 3 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internship in Environmental Health</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours Earned for Degree</td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
</tbody>
</table>

C= In class; O= Online; CO = Either Option Available; I = On Preceptor site
*Please note that course availability is subject to change.
## Curriculum Planning Worksheet

### Environmental Health Sciences

### MPH Industrial Hygiene Accelerated

#### Name

#### Banner ID

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Term Course Available*</th>
<th>Credit Hours</th>
<th>Term /Year Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Requirement: 20 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BST 601: Biostatistics I</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>C/O</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>C/O</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Department Track Requirements: 13 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 612: Assessing &amp; Managing Environmental Risks</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 625: Industrial Hygiene Case Studies</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 680: Field Interdisciplinary Studies</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 681: Interdisciplinary Worksite Evaluations</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Departmental Research: 3 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 698: Masters Level Directed Research</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Departmental Electives: 3 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Internship: 3 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 697: Internship in Environmental Health</td>
<td>I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours Earned for Degree</strong></td>
<td></td>
<td></td>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

C= In class; O= Online; CO = Either Option Available; I = On Preceptor site

*Please note that course availability is subject to change.*
# MPH Electives

The following courses are recommended by the Department of Environmental Health Sciences to fulfill the elective requirement/s. Some courses are taught in the Department; others are taught elsewhere in the School of Public Health or UAB. Only courses carrying graduate credit are allowed. You and your advisor select specific courses based on your needs and interests.

The list is not exhaustive. Appropriate courses not on this list may be considered and approved by your academic advisor.

**Department of Environmental Health Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENH 610</td>
<td>Environmental Disasters</td>
</tr>
<tr>
<td>ENH 635</td>
<td>Foodborne and Waterborne Diseases</td>
</tr>
</tbody>
</table>

**EOH Track in addition to the departmental electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENH 624</td>
<td>Control of Occupational Hazards</td>
</tr>
<tr>
<td>ENH 625</td>
<td>Industrial Hygiene Case Studies</td>
</tr>
<tr>
<td>ENH 626</td>
<td>Physical Agents</td>
</tr>
<tr>
<td>ENH 661</td>
<td>Environmental Sampling and Analysis Lab</td>
</tr>
<tr>
<td>ENH 670</td>
<td>Fundamentals of Occupational Health and Safety</td>
</tr>
</tbody>
</table>

**Industrial Hygiene Track in addition to the departmental electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENH 615</td>
<td>Environmental Justice</td>
</tr>
<tr>
<td>ENH 660</td>
<td>Fundamentals of Air and Water Pollution</td>
</tr>
</tbody>
</table>

**DEPARTMENT OF HEALTH BEHAVIOR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB 605</td>
<td>Physical Activity in Public Health</td>
</tr>
<tr>
<td>HB 611</td>
<td>Mental Health as a Public Health Issue - online</td>
</tr>
<tr>
<td>HB 627</td>
<td>GIS for Public Health</td>
</tr>
<tr>
<td>HB 635</td>
<td>Communities, Family, &amp; Health</td>
</tr>
<tr>
<td>HB 692</td>
<td>Principles and Practices of Community Organization - online</td>
</tr>
</tbody>
</table>

**DEPARTMENT OF EPIDEMIOLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPI 603</td>
<td>Injury-Epidemiologic Principles and Prevention Strategies</td>
</tr>
<tr>
<td>EPI 616</td>
<td>Environmental Epidemiology</td>
</tr>
</tbody>
</table>
HOW WOULD YOU LIKE TO BE SOMEBODY