DEPARTMENT of ENVIRONMENTAL HEALTH SCIENCES

Somebody should help us clean up our air.

Somebody should help give children in poverty a chance to be healthy.

Somebody should figure out how to help people with autism.

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

Somebody should help put recess back in our schools.

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.

BE SOMEBODY

2018-19
MASTER OF PUBLIC HEALTH
ACADEMIC PROCEDURES
# Table of Contents

Introduction to the Program .................................................................................................................. 2

Mission of the UAB School of Public Health .......................................................................................... 3

Environmental Health Sciences Foci ....................................................................................................... 4

Environmental Health Sciences Competencies ....................................................................................... 5

Faculty
  Faculty and Staff Office Locations and Phone Numbers ................................................................. 6
  Faculty Research Interests ..................................................................................................................... 7

Departmental Information
  General Information ............................................................................................................................. 9
  Department Mailing Address and Physical Location ........................................................................ 10

SOPH Information
  Staff and responsibilities ..................................................................................................................... 11

Useful Phone Numbers .......................................................................................................................... 13

Registration Information
  BlazerID .................................................................................................................................................. 14
  Banner Registration ............................................................................................................................. 14

MPH Environmental and Occupation Health Program Procedures
  Environmental Occupational Health & Safety Procedures ............................................................... 15
  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 Worsened 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 Inequality, 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 disease nationwide.
12 Viral infection, doomed 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 Uncellular 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.
Mission of the UAB School of Public Health

The mission of the School of Public Health is to create, disseminate, apply, and teach knowledge to improve health and wellbeing.

Vision: To make a difference:
- To make a difference in the lives of our students,
- To make a difference in our scholarly fields,
- To make a difference in our communities and populations.

Values: Above all else, we value:
- Academic Freedom,
- Ethical Behavior and Integrity,
- Diversity and Inclusion,
- Collegiality.
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 Toxicology (MSPH)
- Industrial Hygiene (MPH)
- Occupational and Environmental Health (MPH)

Environmental Toxicology focuses on the areas of toxicant exposure and human disease, and gene-environment interactions. It develops and uses model biological systems to determine the mechanisms through which exposure to environmental toxicants alters gene expression, and, how natural variation in gene expression causes altered susceptibility to environmental toxicants.

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.

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

The Department of Environmental Health Sciences offers MPH, MSPH, and PhD degree programs.
Environmental Health Science Competencies

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 534B</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 227B</td>
<td><a href="mailto:jebrown@uab.edu">jebrown@uab.edu</a></td>
<td>Coordinator, Graduate Programs</td>
</tr>
<tr>
<td>Dickinson, Dale</td>
<td>975-7493</td>
<td>EB 240</td>
<td><a href="mailto:dadickin@uab.edu">dadickin@uab.edu</a></td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Fanucchi, Michelle</td>
<td>934-7230</td>
<td>RPHB 534C</td>
<td><a href="mailto:fanucchi@uab.edu">fanucchi@uab.edu</a></td>
<td>Associate Professor &amp; UAB Ombudsperson</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 530C</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 534A</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 520A</td>
<td><a href="mailto:pholt@uab.edu">pholt@uab.edu</a></td>
<td>Program Manager 1 DSC</td>
</tr>
<tr>
<td>Holladay, Allyn</td>
<td>934-7209</td>
<td>RPHB 520C</td>
<td><a href="mailto:allynh@uab.edu">allynh@uab.edu</a></td>
<td>Continuing Education Director DSC</td>
</tr>
<tr>
<td>Iles, Karen</td>
<td>975-9691</td>
<td>AB 719A</td>
<td><a href="mailto:kiles@uab.edu">kiles@uab.edu</a></td>
<td>Associate Professor &amp; Director, Conflict of Interest Review Board</td>
</tr>
<tr>
<td>Lungu, Claudiu</td>
<td>934-2072</td>
<td>RPBH 520B</td>
<td><a href="mailto:clungu@uab.edu">clungu@uab.edu</a></td>
<td>Associate Professor &amp; Director DSC</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>Associate Professor &amp; Associate Dean</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>Wilson, Laura</td>
<td>934-7178</td>
<td>RPHB 520D</td>
<td><a href="mailto:wilson75@uab.edu">wilson75@uab.edu</a></td>
<td>Program Coordinator DSC</td>
</tr>
<tr>
<td>Zierold, Kris</td>
<td>934-5931</td>
<td>RPHB 524 C</td>
<td><a href="mailto:kzierold@uab.edu">kzierold@uab.edu</a></td>
<td>Associate Professor</td>
</tr>
</tbody>
</table>
FACULTY RESEARCH INTERESTS

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. sallen1@uab.edu

Dale A. Dickinson, PhD, Associate Professor and Director University Quality Enhancement Plan. Research interests include molecular mechanisms of the adaptive response to environmental toxicants and pollutants; mechanism of action of naturally occurring compounds; environmental justice; development and implementation of reflective pedagogies to enhance public health education. dadickin@uab.edu

Michelle V. Fanucchi, PhD, Associate Professor and UAB Ombudsperson. 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

Karen E. Iles, PhD, Associate Professor and Director, Office of Conflict of Interest Review Board Research interest include food disparity and specifically on the impact of global warming on food quality and quantity. Specific areas of focus include the impact of global warming on heavy metal uptake and contamination of food (specifically cadmium), and on reduced food production for already vulnerable populations. kiles@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 used in respiratory protection, protective clothing and environmental remediation applications. Use of carbon nanotubes in air sampling devices. 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; Exposure to ionizing radiation. clungu@uab.edu

Jonghwa Oh, PhD, Assistant Professor Research interests include Investigation of biomass-derived micro-/nano- materials for VOC sorption; innovative VOC analytical methods; Development of customized personal protective equipment (PPE) via 3D printing; Noise exposure map; Improvement of industrial ventilation. jonghwa@uab.edu

Lisa McCormick, DrPH, Associate Professor, Associate Dean for Public Health Practice, and Director of the Deep South Biosafety Worker Training Program. 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.

Kris Zierold, PhD., Associate Professor. Research Interests include children's environmental health, workplace safety and health in children and adolescents, adverse outcomes from heavy metals exposure and particulate exposure, environmental and social justice issues, air pollution modeling, and community-based research

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

Fax Machine
The department has a fax machine (205-975-6341) located in room 530. The fax machine is for the business use of faculty and staff of the department. The charge for sending a personal domestic fax is $3 for the first page plus $1 for each additional page and a personal international fax is $5 for the first page plus $1 for each additional page.

Telephones
A phone is available for student use in the Ryals Building first floor lobby. Students may use department phones for official use when approved by one of the department’s faculty or staff.

Lab Access
While in the research phase of study, it may be necessary for a student to have a key for lab access. The student should contact his/her advisor who will in turn generate a request for the student to obtain a key. Presently, UAB Key Control requires a deposit of $1 per key when the key is picked up. The money is refunded when you return the key to Key Control.

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

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, Coordinator, Graduate Academic Programs to discuss degree planning and course selection.

KoronisFest
For the Public’s Health
WWW.SOPH.UAB.EDU/KORONISFEST
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.

COMPETENCIES

ENV HEALTH SCIENCE GENERAL MPH/MSPH COMPETENCIES:
MPH/MSPH-ENH 1: Specify approaches for assessing environmental hazards.
MPH/MSPH-ENH 2: Communicate scientific information in public and professional venues.

ENVIRONMENTAL & OCCUPATIONAL MPH Competencies:
All General ENH MPH Competencies, plus:
MPH-EOH 1: Describe critical factors of exposure assessment studies.
MPH-EOH 2: Explain how environmental factors impact human health.
MPH-EOH 3: Explain how environmental justice impacts health.
MPH-EOH 4: Demonstrate practical knowledge of environmental regulations
MPH – EOH 5: Employ risk assessments approaches
MPH- EOH 6: Describe regulatory programs and agencies that influence environmental and occupational health issues.

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

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 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 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 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.
INTERNSHIPS

Internship Requirements
As a student in the MPH program, you are required to complete three credit hours of an internship experience. The internship is a field experience which bridges professional academic preparation and public health practice. It should be project-oriented and focus on an issue relating to public health. Knowledge and skills learned in coursework are applied in an agency setting under the supervision and guidance of an experienced public health specialist, who has been approved to serve as a MPH Internship preceptor. You may check with our department’s internship coordinator, Ms. Meena Nabavi (205/975-7644), the school’s website, UAB HireABlazer, or the Office of Public Health Practice student weekly newsletter for internship opportunities. Learning objectives for the internship must be set based on the MPH School-wide and departmental competencies relevant to the student's course of study. Faculty research projects are not appropriate venues for an internship, neither are positions which are primarily administrative or focused on data management.

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 (site supervisor) 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 Environmental Health Sciences.

A minimum of 180 contact hours is required for the MPH internship. MPH students should have completed all public health core courses before registering for an internship. The internship must be completed in one (1) semester, and must not start before the first day of class and must end by the last day of class. 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 following final products are required for all MPH students upon completion of their internship:

- Student Midpoint and Final Evaluations
- Preceptor Midpoint and Final Evaluations
- 5-page minimum paper on the internship experience
- Poster and attendance at poster presentation

More information on the final products can be found in the syllabus for the internship course. The final paper and poster should be submitted via InternTrack.

Midpoint through the Internship
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 Paper
All students must complete a written assignment at the end of the internship. The purpose of the assignment is to have the student reflect on the practice experience. This is an opportunity for the student to describe what was done, what was learned, and to place the experiences within the
context of the organization, the community and the MPH program. The final paper must be submitted through InternTrack during the last week of class.

**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 syllabus on the UAB School of Public Health website.
**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><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 O O</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>O C O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>CO O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>C O O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>C O CO</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>CO CO</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Department Track Requirements: 11 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>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 660: Fund. Of Air &amp; Water Pollution</td>
<td>O C</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>CO CO</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>CO CO</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Departmental Electives: 9 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CO CO CO</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CO CO CO</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CO CO CO</td>
<td>3</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</td>
<td>I I I</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours Earned for Degree</strong></td>
<td></td>
<td></td>
<td>43</td>
<td></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 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>
<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>O</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>O</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>O</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>O</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>O</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>O</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Department Track Requirements: 11 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 612QL: Assessing &amp; Managing Environmental Risks</td>
<td>O</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENH 650QL: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td></td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENH 660QL: Fund. Of Air &amp; Water Pollution</td>
<td>O</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENH 691QL: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>O</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>ENH 691QL: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>O</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>Departmental Electives: 9 hours</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>O</td>
<td>O</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 697QL: Internship</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credit Hours Earned for Degree</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>43</td>
<td></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.

There are three IH MPH tracks within the department: Industrial Hygiene, online Industrial Hygiene, and an accelerated Industrial Hygiene degree. (This degree track is specifically designed for graduates of undergraduate IH programs financially supported by the National Institute for Occupational Safety and Health [NIOSH].)

COMPETENCIES

INDUSTRIAL HYGIENE FOCUS:

**MSPH-ENH 1:** Demonstrate the application of theories in environmental science including industrial hygiene and occupational safety in an area of specialization

**MSPH-ENH 2:** Develop an original or customized sampling or analysis method in environmental health and toxicology.

**MSPH-ENH 3:** Demonstrate the ability to conduct environmental health research under the guidance of an environmental health science mentor.

**MSPH-ENH 4:** Write an environmental health sciences manuscript reporting appropriate research principles and methods in the design, conduct, analysis, and interpretation.

**MSPH-ENH 5:** Present environmental health science study findings to environmental health sciences faculty in a public forum.
CURRICULUM REQUIREMENTS
Each track has its own course requirements, which are listed at the end of this section.

NIOSH-Supported Trainees
Students who are receiving NIOSH supported training are required to take the additional courses listed below:

Didactic Component:
- ENH 680: Field Interdisciplinary Studies (1 hour)
- ENH 681: Interdisciplinary Worksite Evaluations (2 hours)

Research Component:
- ENH 698: Masters Level Directed Research (min of 3 hours)

ADVISOR
Students are assigned a faculty advisor at the start of their program; however students need to consult with Julie Brown, MS, 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 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 research committee. 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 Julie Brown, MS, and the appropriate form will be sent to the Office of Academic Affairs and Strategic Programs.

RESEARCH PROJECT
The NIOSH supported students will register for research project (ENH 698) in accordance with their programs curriculum requirements. 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.
Pre-proposal

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 (pre-proposal) 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.

Proposal

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 two hours of ENH698-Master's Level Directed Research. Early in the semester the advisor may request a research project committee be formed depending on the research. All members should be graduate faculty. Non-graduate faculty may serve as ad hoc members.

Second Semester of Second Year
The student will register for at least one hour of ENH 698. The student should begin work on the research project by the beginning of the semester. The student should meet often with his/her advisor, and if applicable, with other committee members 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 may 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 presentation, the student will provide the department with a hard and digital copy of the final report.
**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 committee
- 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.
**INTERNSHIPS**

**Internship Requirements**
As a student in the MPH program, you are required to complete three credit hours of an internship experience. The internship is a field experience which bridges professional academic preparation and public health practice. It should be project-oriented and focus on an issue relating to public health. Knowledge and skills learned in coursework are applied in an agency setting under the supervision and guidance of an experienced public health specialist, who has been approved to serve as a MPH Internship preceptor. You may check with our department’s internship coordinator, Ms. Meena Nabavi (205/975-7644), the school’s website, UAB HireABlazer, or the Office of Public Health Practice student weekly newsletter for internship opportunities. Learning objectives for the internship must be set based on the MPH School-wide and departmental competencies relevant to the student's course of study. Faculty research projects are not appropriate venues for an internship, neither are positions which are primarily administrative or focused on data management.

**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 (site supervisor) 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 Environmental Health Sciences.

A minimum of 180 contact hours is required for the MPH internship. MPH students should have completed all public health core courses before registering for an internship. The internship must be completed in one (1) semester, and must not start before the first day of class and must end by the last day of class. 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 following final products are required for all MPH students upon completion of their internship:

- Student Midpoint and Final Evaluations
- Preceptor Midpoint and Final Evaluations
- 5-page minimum paper on the internship experience
- Poster and attendance at poster presentation

More information on the final products can be found in the syllabus for the internship course. The final paper and poster should be submitted via InternTrack.

Midpoint through the Internship
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 Paper
All students must complete a written assignment at the end of the internship. The purpose of the assignment is to have the student reflect on the practice experience. This is an opportunity for the student to describe what was done, what was learned, and to place the experiences within the context of the organization, the community and the MPH program. The final paper must be submitted through InternTrack during the last week of class.
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 syllabus on the UAB School of Public Health website.
## Curriculum Planning Worksheet
### Environmental Health Sciences
#### MPH Industrial Hygiene

**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 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>O</td>
<td>4</td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>O</td>
<td>C</td>
<td>O</td>
<td>3</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/O</td>
<td>C/O</td>
<td>O</td>
<td>3</td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>C</td>
<td>O</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></td>
</tr>
<tr>
<td><strong>Department Track Requirements: 22 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 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/O</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 625: Industrial Hygiene Case Studies</td>
<td>C/O</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 626: Physical Agents</td>
<td>C/O</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C</td>
<td>O</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENH 661: Environmental Sampling and Analysis</td>
<td>C</td>
<td></td>
<td></td>
<td>2</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 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C/O</td>
<td>C/O</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C/O</td>
<td>C/O</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>Internship: 3 hours</strong></td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Departmental Elective: 3 hours</strong></td>
<td>C/O</td>
<td>C/O</td>
<td>C/O</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours Earned for Degree</strong></td>
<td></td>
<td></td>
<td></td>
<td>48</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>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 600: Fundamentals of Env. Health Sciences</td>
<td>O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPI 600: Introduction to Epidemiology</td>
<td>C/O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HB 600: Social &amp; Behavioral Sciences Core</td>
<td>C/O</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCO 600: Intro to Public Health &amp; Pop Based Hlth Programs</td>
<td>C</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUH 695: The Public Health Integrative Experience</td>
<td>C/O</td>
<td>3</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>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 625: Industrial Hygiene Case Studies</td>
<td>C/O</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 650: Env. &amp; Occp Toxicology &amp; Diseases</td>
<td>C</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 680: Field Interdisciplinary Studies</td>
<td>C</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 681: Interdisciplinary Worksite Evaluations</td>
<td>C</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C/O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENH 691: Current Topics in ENH Occup. Health &amp; Safety</td>
<td>C/O</td>
<td>1</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>3</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>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours Earned for Degree</strong></td>
<td></td>
<td>42</td>
<td></td>
<td></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
ENH 610  Environmental Disasters
ENH 635  Foodborne and Waterborne Diseases
ENH 670  Fundamentals of Occupational Safety
ENH 680  Interdisciplinary Field Studies.
ENH 681  Interdisciplinary Worksite Evaluations

EOH Track in addition to the departmental electives
ENH 624  Control of Occupational Hazards
ENH 625  Industrial Hygiene Case Studies
ENH 626  Physical Agents
ENH 661  Environmental Sampling and Analysis Lab
ENH 670  Fundamentals of Occupational Health and Safety

Industrial Hygiene Track in addition to the departmental electives
ENH 660  Fundamentals of Air and Water Pollution

DEPARTMENT OF HEALTH BEHAVIOR
HB 605  Physical Activity in Public Health
HB 611  Mental Health as a Public Health Issue - online
HB 627  GIS for Public Health
HB 635  Communities, Family, & Health
HB 692  Principles and Practices of Community Organization - online

DEPARTMENT OF EPIDEMIOLOGY
EPI 603  Injury-Epidemiologic Principles and Prevention Strategies
EPI 616  Environmental Epidemiology
HOW WOULD YOU LIKE TO BE SOMEBODY