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The University of Georgia

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*College of Public Health*

Student Handbook

2008-2009

[www.publichealth.uga.edu](http://www.publichealth.uga.edu)

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## I. COLLEGE OF PUBLIC HEALTH

### Our Mission

The College of Public Health (CPH) at the University of Georgia (UGA) promotes health in human populations through innovative research, exemplary education, and engaged service dedicated to preventing disease and injury within the state and around the world.

College Administration:

Dean- Phillip L. Williams, PhD

Associate Dean for Outreach- Robert Galen, MD

Associate Dean- Eric Dahl, PhD

CPH is composed of four academic departments (see Box 1) and two institutes (Institute of Gerontology—Director Dr. Poon, and Institute of Health Management in Mass Destruction Defense—Director Dr. Dallas).

#### **Box 1. Mission Statements of the Departments at UGA's College of Public Health**

##### Epidemiology and Biostatistics (EPID & BIOS)

The Department of Epidemiology and Biostatistics trains public health professionals in the use of epidemiological principles and biostatistical methods and conducts innovative research to address existing and emerging public health issues.

##### Environmental Health Sciences (EHS)

The mission of the Environmental Health Science Department is to conduct innovative research to improve human health, well being, and quality of natural and working environments, and to provide exemplary education and training for future Environmental Health professionals.

##### Health Policy and Management (HPAM)

The mission of the Department of Health Policy and Management (HPAM) is to advance the health of the public by developing leadership expertise and promoting an evidence-based approach to public and private policy making in health and medicine.

##### Health Promotion and Behavior (HPB)

The Department of Health Promotion and Behavior, through its teaching, research, and service initiatives, generates knowledge about the social and behavioral determinants of health and applies that knowledge to the design, delivery and evaluation of disease prevention and health promotion programs.

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## II. GRADUATE STUDIES AT UGA

### The Graduate School

Graduate degrees at UGA are ultimately under the supervision of the Graduate School. From the Graduate School website (<http://www.grad.uga.edu/>) :

"The Graduate School coordinates the graduate programs of all schools and colleges of the University. Matters of policy and procedure are determined by the graduate faculty through the graduate council. The graduate faculty consists of faculty members appointed by the President on the basis of productive research, effective teaching, and other creative activities. The policies adopted by the graduate council are administered by the dean of the Graduate School.

The Graduate School administers all graduate programs of the University. It offers the Master of Arts in 34 disciplines, the Master of Science in 47 disciplines and the Doctor of Philosophy in 80 disciplines. Professional master's degrees are available in 28 areas, and professional doctoral degrees are offered in education and music. The University also awards the Master of Education in 21 areas, the Specialist in Education in 19 areas and the Doctor of Education in 14 areas."

In addition to the Graduate School policies and procedures, the graduate degree programs within the CPH have developed their own set of guidelines to compliment the Graduate School. Please obtain the appropriate supplemental handbook for your degree program from your departmental administrative assistant.

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### III. DEPARTMENTAL POLICIES

#### Departmental Communication

- **Register at CPH.** During orientation, give your contact information to CPH staff. Contact your departmental administrative assistant when your email, address or phone number changes.
- **Mailbox.** Each graduate student has a mailbox located in the department of concentration. Check the mailbox regularly. Students are responsible for reading and acting upon the information placed in it. Mailboxes are located in the following rooms:
  - Department of Environmental Health Science, Room 206 EHS Bldg.
  - Department of Health Promotion and Behavior, Room 348 Ramsey.
  - Department of Health Policy and Management, Coverdell Building Suite 132.
  - Department of Epidemiology & Biostatistics, Coverdell Building Suite 132.
- **Email.** Students must obtain a university email account, even if they have a personal email account. Students will need this email account to register for courses and access courses that use WebCT. Set up the UGA account at <https://www.uga.edu/myid/>. This email account is free. Students can access their UGA email account from anywhere in the world, at <http://ugamail.uga.edu/>. The UGA email will be added to several graduate student emailing lists: MPH, CPH, Graduate School, and concentration area. The Graduate Coordinator and the Dean use these lists to communicate with students. If you would like to forward these emails to another account: open your UGA email account, click on "Options" on the left side, click on "Forwarding" on the top blue letters, type the forwarding email address, click on "Start." Make sure that you delete old messages as the email space is limited.
- **Change of address.** Students who change address or phone number must communicate this change to the Graduate Coordinator AND to the Graduate School through OASIS. To change your address in OASIS: enter OASIS, go to the Student Records Main Menu, and then Change Address Information. Make changes and click on Update Data. Students who fail to communicate this change of address may miss important mail from the Graduate School, including their diploma.
- **Bulletin Board.** The departmental bulletin boards contain diverse announcements. Check these bulletin boards for posted deadlines, information on new courses, job opportunities, study abroad programs, and other announcements. Consult with department staff for the location.

- **WebCT.** WebCT is an online e-learning system (<https://webct.uga.edu>) used by most instructors for their courses. All CPH graduate students will have access to a WebCT "course" titled "CPH GRAD." This site will house all handbooks, forms, contact info, calendars, and other documents needed throughout the program.

### Advising

1. Students are assigned an Advisor in their area of concentration.
2. The Advisor, in conjunction with the student, is responsible for:
  - a. Developing and updating the tentative program of study
  - b. Monitoring problems related to the completion of the degree (e.g., deficiencies, probation, incompletes, etc.)
  - c. Approving overloads
  - d. Filing forms in accordance with Graduate School and departmental regulations (e.g., transfer of credits, approval of formal program of study, admission to candidacy)
  - e. Guiding research
  - f. Approving elective courses and internship site
3. Students are responsible for monitoring their progress throughout the program. Students will initiate meetings with their advisors prior to registration and will adhere to the deadlines for registration, filing forms with their degree program office and filing forms with the Graduate School.

### Registration

1. **Registration Overview.** Registration via computer is one of several options available to students in OASIS (On-Line Access to the Student Information System). Computers are available in labs across campus, and students may register at any location (on or off campus) where they can link into the Internet. Students are limited to a total of 90 minutes of registration time per day. For details check: <http://www.reg.uga.edu/or.nsf/html/overview>.
2. **Registration Times and Places.** OASIS registration has three phases: Phase IA (Pre-registration) and IB (a continuation of Phase I which follows the original fee payment deadline); Phase II (Late Registration); and Phase III (Drop/Add). The exact dates and times for these phases for the current term are noted in the Key Dates within the Schedule of Classes. Generally, pre-registration for Spring semester is mid-October and pre-registration for Summer and Fall is the end of March. Please register at the earliest date possible! Early registration will help avoid problems when trying to add classes later on.
3. **Preliminary Steps.** Before registration, take these steps to make registration easier:

- **Meet with advisor.** Meet with the Advisor to plan a schedule. Prior to the advising appointment, check for any special authorizations or prerequisites to courses.
  - **Check Course Authorizations.** Check the Schedule of Classes for any special permission needed to register for a class (e.g., Permission of Department—POD), and see the appropriate department to obtain permission. CPH students do NOT need any special authorization for CPH required courses, but may need authorization for specific elective courses.
  - **Check Course Prerequisites.** Many departments block registration to students who have not met prerequisites. See the current Graduate Bulletin for course prerequisites: <http://www.uga.edu/gradschool/bulletin/>
  - **Check for Flags.** Go to the OASIS Registration Main Menu to check for flags. Students with flags on their record for a given term will not be permitted to register until flags have been cleared. Students may have flags for unpaid parking tickets, unpaid University Health Center fees, library fees, tuition problems, etc.
  - **Clear to Register.** After the advisor has authorized the courses to take (via signing a registration form), contact the administrative assistant for your DEPARTMENT to have him/her clear you.
4. **Waiving Classes.** As a general rule, classes will not be waived. If a student can prove that he/she has met with competency a required course, he/she may obtain approval to opt out of that class and take an upper-level course in that same concentration area. All petitions for waivers must be in accordance with the CPH Waiver Policy, [http://www.uga.edu/publichealth/forms/waiver\\_policy.pdf](http://www.uga.edu/publichealth/forms/waiver_policy.pdf)

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## IV. UGA & CPH POLICIES

### General Graduate School Degree Requirements

The University of Georgia Graduate School (<http://www.grad.uga.edu>) has detailed requirements for graduation. Below is a summary of the main requirements. However, for additional information please check their web site. Any changes in University policies will override the requirements stated below.

1. **Grade Point Average.** To be eligible for graduation, the student must maintain a 3.0 (B) average on the graduate transcript and a 3.0 (B) average on the program of study. No grade below C will be accepted. (NOTE: Students must receive a grade of 'B-' or higher in the five core MPH courses and departments will not accept grades below 'C' for classes taken as undergraduate deficiencies.)
2. **Timeline to Complete Courses.** The student must complete all coursework credited toward the graduate degree within 6 years of the first registration of courses. Extension of time may be granted only for conditions beyond the control of the individual.
3. **Transfer of Credits.**  
Master students. With proper approval, master students may transfer up to 6 semester hours of credit for graduate courses taken at other schools. The student must have taken these courses in the past 6 years. No grade below "B" may be transferred. The courses to be transferred may not have been used in a degree program at another institution. Transferred grades are not used in calculating cumulative grade point averages. The advisor will need a copy of the syllabus from those courses to determine if there is a clear match in learning objectives from both institutions.

Doctoral students. No courses taken prior to a doctoral student's admission to their degree program at The University of Georgia are eligible for transfer. Doctoral students who have matriculated as prospective candidates into the degree program may take courses at other accredited institutions and have up to nine semester hours of credit transferred to the UGA program of study. These courses must constitute a logical part of the student's program and must be recommended by the student's major professor and graduate coordinator for approval by the dean of the Graduate School. No grade below a "B" may be transferred and the courses to be transferred may not have been used in a degree program at another institution. Transfer grades are not used in calculating cumulative grade point averages. All requests for transfer of credit, with accompanying official transcripts, must be in the Graduate School at least 30 days prior to the time the student plans to graduate. Courses transferred for the doctoral degree may not be used in fulfilling the following:

- 1) The requirement that a minimum of 16 hours of 8000/9000-level courses be included on the program of study,
  - 2) The university's residency requirement.
4. **Incomplete Grades.** The grade "Incomplete" ("I") indicates that the student was doing satisfactory work but, for non-academic reasons beyond control (usually medical in nature), was unable to meet the full requirements of the course. Currently the "Incomplete" must be resolved within a maximum of 3 semesters, but Graduate School may change this time frame to one semester. The student must also develop a timeline with the professor, as faculty members may not be available certain semesters. When an incomplete is not removed, the "I" automatically becomes an "F." Once an "I" converts to an "F," it will remain an "F." It is the student's responsibility to monitor the conversion deadline. Students are not allowed to graduate with an "Incomplete" grade on their transcript.
5. **Program of Study.** Master students must submit a Program of Study form to the Graduate School the semester prior to graduation. This form is at: [http://www.uga.edu/gradschool/forms&publications/currentstudent\\_forms.html](http://www.uga.edu/gradschool/forms&publications/currentstudent_forms.html) The advisor and the Graduate Coordinator must sign this form. The program of study is a list of all of the courses that will be used towards graduation. Do not include assistantship hours in this form (XXXX 7005, 9005). This form enables the graduate school to make sure the student has completed all of the hours and courses needed for graduation.
- Doctoral students must submit their Program of Study and Dissertation Committee form prior to the notification of the doctoral comprehensive exam. The doctoral handbook provides additional details.
6. **Application for Graduation.** A student must apply for graduation *no later than Friday of the second full week (the first full week for summer) of classes in the semester* of the anticipated graduation date to permit the Graduate School to review the student's file. These deadlines are published on the Graduate School Web site for three semesters in advance. Students must enroll for a minimum of 3 hours during the semester in which degree requirements are completed.
8. **Late Filing for Graduation.** A graduate student who misses a graduation deadline by failing to file the Application for Graduation, Advisory Committee Form (only doctoral students), and/or Program of Study Form will have the option of paying a single fee of \$50 (check or money order in U.S. dollars) for late processing of all required forms. A completed Late Filing for Graduation Form, all required graduation forms, and the late fee payment must be submitted to the Graduate School Office of Enrolled Student Services within 45 calendar days of the original deadline. After the 45 day late period, no students will be added to the commencement roster for the current semester.
9. **Change in Graduation Date.** If a student cannot complete degree requirements in the semester for which a graduation application was submitted,

the student should notify the Graduate School of the new date of intended graduation by submitting written notification directly to the Enrolled Student Services Office by e-mail or form ([www.gradsch.uga.edu](http://www.gradsch.uga.edu)) or by changing the graduation term through OASIS (only if changed prior to the semester the student is currently scheduled to graduate). The major professor or graduate coordinator may also notify the Graduate School by letter or e-mail of the student's intent. If the Graduate School does not hear from the student, the major professor, or the graduate coordinator, the student's name is placed on the graduation list for the subsequent semester. Should a student neglect to notify the Graduate School a second time of failure to complete degree requirements, the student's name may be removed from graduation status. The student and graduate coordinator will be notified of this action. It will then be necessary for the student to reapply for graduation. The Graduate School's Website provides all deadline dates for each semester (see <http://www.gradsch.uga.edu>). If a registered education specialist or professional master's student is unable to complete degree requirements to meet graduation deadlines for the semester but is able to complete the requirements before Phase II registration of the next semester, no enrollment is required for the new term. If, however, all degree requirements have not been completed prior to the beginning of Phase II, a student will be required to register for a minimum of three hours of credit and pay the applicable fees.

- 10. Graduation Clearance.** When all degree requirements have been successfully completed, the student's file is cleared for graduation. Under ordinary circumstances, this process occurs when the grades for the final semester are received. The grade of U as a terminal grade in 7300, 9300, or GRSC 9270 is not acceptable. The same ruling applies for courses entitled technical report, applied project, seminar, special problems, internship, practicum, and research courses when these are degree requirements. Graduate students must have a cumulative graduate course average of at least 3.0 to graduate (this includes all graduate courses attempted, whether or not they are used on the program of study for the current degree). A student will not be allowed to graduate with an incomplete grade on the transcript if conversion of the incomplete grade to F will drop the student's grade point average below a 3.0.

### **Continuous Enrollment Policy**

All enrolled students pursuing a graduate degree at the University of Georgia must maintain continuous enrollment until completion of all degree requirements (<http://www.uga.edu/gradschool/academics/registration.html>). Continuous enrollment is defined as registering for a minimum of three (3) credits in at least 2 semesters per year (Fall, Spring, Summer) until the degree is attained or status as a degree-seeking graduate student is terminated.

## Calculation of Grade Point Average (GPA)

UGA assigns the following values to each letter grade (<http://www.bulletin.uga.edu/PlusMinusGradingFAQ.html>):

A	= 4.0
A-	= 3.7
B+	= 3.3
B	= 3.0
B-	= 2.7
C+	= 2.3
C	= 2.0
C-	= 1.7
D	= 1.0
F	= 0.0

## Harassment

UGA prohibits any member of the faculty, staff, administration, student body, or visitors to campus, whether they be guests, patrons, independent contractors, or clients from harassing and/or discriminating against any other member of the University community because of that person's race, sex (including sexual harassment), ethnic or national origin, religion, age, disabled status, status as a disabled veteran or veteran of the Vietnam era, or sexual orientation. Incidents of harassment and discrimination will be met with appropriate disciplinary action, up to and including dismissal from the University. The UGA Non-discrimination and Anti-harassment Policy is found at <http://www.uga.edu/legal/NDAH.htm>. Students who believe they are being harassed or discriminated are encouraged to consult the Graduate Coordinator, Department Head, or the Office of Equal Opportunity.

**Sexual harassment.** Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature, becomes sexual harassment when:

1. Submission to such conduct is made either implicitly or explicitly a term or condition of an individual's employment or status in a course, program or activity;
2. Submission or rejection of such conduct by an individual is used as the basis for employment or educational decisions affecting such individual; or
3. Such conduct has the purpose or effect of interfering with the individual's work or educational performance; of creating an intimidating, hostile, or offensive working and/or learning environment; or of interfering with one's ability to participate in or benefit from an educational program or activity.

The UGA Non-discrimination and Anti-harassment Policy states:

"When one party has a professional relationship towards the other, or stands in a position of authority over the other, even an apparently consensual sexual

relationship may lead to sexual harassment or other breaches of professional obligations. The University prohibits all faculty and staff, including graduate teaching assistants, from pursuing sexual relationships with undergraduates whom they are currently supervising or teaching.”

“The University also strongly discourages sexual relationships between faculty or administrators and graduate/professional students and/or employees whose work they supervise. Anyone involved in a sexual relationship with someone over whom he or she has supervisory power must recuse himself or herself from decisions that affect the compensation, evaluation, employment conditions, instruction, and/or the academic status of the subordinate involved.” For more information, please visit: <http://www.uga.edu/legal/pdfs/DescrimandHarass.pdf>.

### **Academic Honesty and Codes of Conduct**

Students at the University of Georgia are responsible for maintaining and adhering to the strictest standards of honesty and integrity in every aspect of their lives. Honesty in academic matters is a large part of this obligation. Specific regulations governing student academic conduct are contained in the UGA Student Handbook and in the UGA culture of honesty policy: <http://www.uga.edu/honesty/ahpd/procedures.html>.

The Office of Judicial Programs, located in Memorial Hall, maintains and publishes the *Code of Conduct* for the University of Georgia. They are responsible for processing violations of conduct regulations, which includes providing false information to a University Official or University office. The *Code of Conduct* can be found at <http://www.uga.edu/judicialprograms/>.

### **Probation and Dismissal**

#### ***Graduate School Policy***

- Students may be dismissed from the Graduate School and from CPH degree programs if they have not made sufficient academic progress to continue in the program. The Graduate School requires that students maintain a minimum 3.0 GPA throughout their graduate studies.
- Students with a cumulative graduate course average below 3.0 will receive a warning letter from the Graduate School explaining the probation procedure. If a student's graduate course average is below 3.0 for two consecutive terms, the student will be placed on academic probation by the Graduate School. While on probation, students must have at least 3.0 for the semester graduate average each succeeding semester. Probation status ends when the student's cumulative graduate course average reaches at least 3.0. If a student makes below a 3.0 semester graduate course average while on probation, s/he is dismissed from the Graduate School.
- When students repeat a graduate course, the last grade will be utilized to calculate the cumulative graduate average that is used for probation,

dismissal, admission to candidacy and graduation. Grades of S, U, and I will not be used in calculating the cumulative graduate average. However, when a grade of I converts to F, this may result in an action of probation or dismissal for the semester in which the conversion takes place, even if the student is not registered for that semester.

- Students who are dismissed by the Graduate School may not apply for admission to another graduate program offered by the University. Students who are dismissed by the Graduate School for academic reasons may appeal the dismissal to the dean of the Graduate School. The appeal must be submitted to the dean within 30 calendar days following receipt of the notice of dismissal. Information concerning the appeal process may be obtained in the Graduate School.
- After the “warning letter” and after being placed in probation, the student, the Graduate Coordinator, and the advisor will meet to develop a written plan of action, which must be forwarded to the Graduate School.
- Students may be dismissed from the program due to academic dishonesty issues. Please read [Academic Honesty and Codes of Conduct](#) section in this manual.

### **Appeal Procedures for Graduate Students**

The University of Georgia and the College of Public Health (CPH) have established a process for appealing decisions regarding academic matters in which a student disagrees with the decision rendered (e.g., grade disputes, termination from a program, and other grievances). Please check university policies for details (<http://www.uga.edu/provost/polproc/aapm/gp/gp405.htm>; [www.gradschool.uga.edu](http://www.gradschool.uga.edu)).

#### Grade Appeals

The College of Public Health assures all students the right to due process in the appeal of any performance evaluation (e.g., course grade) or other academic decision. The Student Appeals Policy and Procedures set forth in this document apply to all students enrolled in classes or programs in the College of Public Health (CPH) at The University of Georgia. The appeals process provides for an impartial review of a grading or other academic decision that is alleged to be capricious, arbitrary or discriminatory. This policy does not apply to petitions for a waiver of established policy or procedure from curricular and/or programmatic requirements. All students may obtain assistance in interpretation of appeals policies and procedures in the CPH Office of Academic Affairs and Student Services.

For specific steps, please read the CPH policy:

[http://www.uga.edu/publichealth/forms/academic\\_appeals\\_policy.pdf](http://www.uga.edu/publichealth/forms/academic_appeals_policy.pdf)

Note that all grade appeals are done through the Department and College of the instructor's primary affiliation. Thus, courses taken in other colleges will be resolved following that college's policies.

#### Waiver of established policy or curriculum requirement

Students who would like to request a waiver of a required course or policy should follow the steps described in the CPH Waiver Policy ([http://www.uga.edu/publichealth/forms/waiver\\_policy.pdf](http://www.uga.edu/publichealth/forms/waiver_policy.pdf)). However, all MPH students must take at least one course in each core area. Students who have achieved the competencies—through previous studies or work experience—can petition to take an advanced course in the same area of studies.

#### Program Dismissal Appeals

A student who has not made sufficient progress towards completion of the degree may be dismissed by the department or by the College of Public Health at the end of any semester. Students may appeal the decision for dismissal from a program to the Dean of the College of Public Health within 30 days of being notified of this decision. The Dean will make a decision based on the advice of a CPH committee. If the student does not accept the decision of the Dean, the student may appeal to the Graduate School, following the appeals procedures stated in the Graduate Coordinator's Handbook (<http://www.uga.edu/gradschool/faculty/handbook.pdf>).

#### Conflict Resolution

If a conflict between a student and faculty member should arise, the student should adhere to the following CPH protocol:

1. Speak directly with the instructor or faculty member in an attempt to resolve the conflict.
2. If step one does not solve the problem, speak directly to the Graduate Coordinator (if it is a problem related to your degree program) or to the Department Head where the faculty member is housed.
3. If step two does not solve the problem, speak directly with the Associate Dean for Academic Affairs.

### **Research with Human Participants**

As a matter of University policy, research projects involving human participants cannot be carried out until a complete research protocol describing the project has been submitted and approved. This policy applies to all research, *regardless of whether or not it is funded*. Human participation is considered to be involved even if the data used were collected by others, and there is no contact with the participants. The policy extends to all projects involving faculty, staff, students or facilities of the University, including research performed by students as part of their degree or class requirements. For students' projects, the Major Professor is responsible for overseeing that the project is approved. Approval is necessary for any type of research in any area of study (e.g., marketing research, behavioral or psychological studies, research involving children in classrooms, and on-the-street interviews).

The detailed guidelines of this policy and the forms necessary to obtain approval of a research protocol are available in the Office of the Vice President for Research, 612 Graduate Studies Building. Questions concerning these guidelines may be directed to that office. Projects involving no risk to participants can usually be approved expeditiously, but it is recommended that the forms be submitted well in advance of beginning the research and, if applicable, prior to submitting a proposal for external funding. All key personnel performing research with human participants must complete the CITI training. More information can be found at: <http://www.ovpr.uga.edu/hso/>.

## **Graduate Assistants**

### ***Course Load***

Graduate assistants—teaching and research—occupy dual roles; they are both students at the University and temporary student employees of the University. Graduate students holding assistantships that requires from one-third to one-half time service:

- Must attend all college-wide functions as announced by the Dean's office. This includes meetings with the Dean, MPH Program Coordinator, CEPH staff, guest lecturers, poster sessions, etc.
- Must register each semester of their assistantship for 3 credits a 7005 course (HPRB, EHSC, etc.), which corresponds to assistantship hours. These courses may not be used to satisfy a student's program of study.
- Must register for a minimum of 12 credit hours each semester (which must include 7005 course).
- May enroll up to a maximum course load of 18 semester hours (which must include 7005 course). Only in exceptional cases students may exceed the maximum course load, but they must obtain written approval from their Advisor and the Dean of the Graduate School. The MPH Graduate Coordinator may sign the overload request in the absence of the student's Advisor. Courses audited are not counted when considering maximum and minimum course load requirements.
- Must register for a minimum of 9 credit hours during the summer semester (which must include 7005 course), if they are on an assistantship during the summer. Graduate assistants who do not receive a stipend during the summer, but opt to register and receive the reduced tuition, must register for a minimum of 3 credit hours. Summer semester rules for maximum load for an 8-week summer session is 18 hours.

### ***Tuition Waiver***

To be eligible to pay a reduced tuition, holders of assistantships must (1) be hired for at least 13 hours per week, and (2) be paid at the approved rate for graduate assistants in the particular school or college in which they are employed.

### ***Mandatory Health Insurance***

A student health insurance policy is available for all UGA students; however, the following groups of UGA students are REQUIRED to have health insurance:

- Undergraduate and Graduate International Students holding "F" or "J" visa status.
- Undergraduate and Graduate Students enrolled in programs that require proof of health insurance.
- Graduate Students receiving Qualified Graduate Assistantships.
- Graduate Students receiving Qualified Fellowships.
- Graduate Students receiving Qualified Training Grants.

Students who have health insurance can opt out of UGA Health Insurance; this process must be done every semester. Visit <http://www.uhs.uga.edu/> for more information regarding policies and coverage.

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## V. UGA RESOURCES

### Academic Writing and Teaching

Writing and teaching are skills that can be learned and can be improved. Every student should take advantage of UGA resources that help to improve our writing and teaching skills.

- Visit the UGA Writing Center for help on writing and teaching skills at: <http://www.english.uga.edu/writingcenter>.
- Visit the Office of Instructional Support and Development at <http://www.isd.uga.edu/> for teaching aids. They also have special help for teaching assistants.

### Biomedical and Health Science Institute (BHSI)

Check BHSI at: <http://www.biomed.uga.edu> for a number of biomedical- and health-related activities, including the MPH program.

### Examples of Certificate Programs

#### Gerontology Certificate

- 18 hours of coursework, poster presentation at the annual conference
- [http://www.geron.uga.edu/pdfs/2005\\_GradCertBooklet.pdf](http://www.geron.uga.edu/pdfs/2005_GradCertBooklet.pdf)

#### Nonprofit Organizations

- Minimum of 12 hours of coursework
- <http://www.ssw.uga.edu/social/index.php?TabID=1508>

#### Women's Studies Certificate

- 18 hours of coursework
- [http://www.uga.edu/iws/student%20resources/graduate\\_certificate.htm](http://www.uga.edu/iws/student%20resources/graduate_certificate.htm)
- May substitute certain classes with approval from program advisor

#### Qualitative Studies

- The certificate requires 15 semester hours of credit, including participation in at least one research seminar, and the successful defense of a thesis or dissertation that uses qualitative research methods or a combination of qualitative and quantitative methods.
- <http://www.coe.uga.edu/leap/qual/certificate/index.html>

## Computer Consulting Services

The University of Georgia Enterprise Information Technology Services (EITS) (<http://www.eits.uga.edu/>) offers a number of services regarding the use of computers.

### Computers

Computer labs are located in all the CPH buildings (e.g., Ramsey Center room 214, EHS building room 104 and Coverdell Building room N 167). Additionally, several desktop computer labs are available on campus. Generally these labs have Macintosh and IBM-PC computers. Some computers have SPSS and SAS. The largest computer lab, as well as assistance for computing and library needs, is at the Student Learning Center.

### Employment of Students

Please check the Student Employment Office at <http://www.career.uga.edu/STUDENTS/aboutstudentemployment.html>.

Also check the Student Handbook for employment opportunities at: <http://www.uga.edu/stuact/handbook/resources.html>

Please note: Students holding assistantships are limited in the number of hours that they can hold concurrent hourly rate employment on campus.

### Employment of Spouse/Significant Other

Professional, semi-professional, and clerical positions are available on the University Campus. For further information, contact the Human Resources Department at: <http://www.hr.uga.edu/>.

Additionally, some teachers and teacher aide positions may be available in surrounding school districts, as well as in the many private schools and nursery schools located in the area (consult an Athens phone book for these addresses and phone numbers). Inquiries regarding public school openings should be directed to:

- Clarke County Schools: <http://www.clarke.k12.ga.us/>
- Jackson County Schools: <http://www.jackson.k12.ga.us/>
- Oconee County Schools: <http://www.oconee.k12.ga.us/>
- Oglethorpe County Schools: <http://www.oglethorpe.k12.ga.us/>
- Madison County Schools: <http://www.madison.k12.ga.us/>

Sources of employment in the health related area include nursing homes, retirement and life care communities, and physician offices (consult an Athens phone book for specifics). Additionally, job openings can be found in the following hospitals:

- Athens Regional Medical Center: <http://www.armc.org/>
- St. Mary's Hospital: <http://www.stmarysathens.org/>

For information about all hospitals, check:  
[http://www.healthcarehiring.com/hospitals\\_georgia.html](http://www.healthcarehiring.com/hospitals_georgia.html)

Check the local Athens newspaper—The Athens-Banner Herald—at:  
<http://www.onlineathens.com/> or the free newspaper distributed at UGA—the Red and Black—at: <http://www.redandblack.com/>

## **Financial Aid**

The departments offer assistantships involving teaching responsibilities, research, and special services. To receive a reduced tuition, the graduate assistant must be hired a minimum of 13 hours per week and be paid at the approved rate for that college. The compensation is based on degree level and the number of hours. Students should check with the Graduate Coordinator for details.

The Graduate School offers assistantships and fellowships, which are awarded on university-wide competitive basis. Out-of-state students not supported by an assistantship may apply through their department to the Graduate School for a waiver of out-of-state tuition. Please see the department Graduate Coordinator for details.

The University participates in the Federally-sponsored Work/Study Program. Based on evidence of financial need, students may qualify for this program and be assigned to a variety of responsibilities around the campus. This program permits the student to work 10-25 hours per week. Approval of the Graduate School is required for work hours and course load.

The University has a large number of loan funds to assist students, which are administered by the Office of Financial Aid located in the Academic Building. Please check the stipulations regarding their use.

Any student desiring information regarding financial aid should explore these possibilities with the Financial Aid staff at: <http://www.uga.edu/osfa/>.

## **Housing**

The university offers graduate student housing for single individuals, as well as individuals with families. Please check: <http://www.uga.edu/housing/gradfam/>. Also check: <http://www.grad.uga.edu/>. All University housing assignments are made according to the date the completed housing application and deposit are received.

The Department of University Housing maintains a bulletin board (on first floor of Russell Hall) that is used to advertise off-campus rental housing (apartments, houses, duplexes, trailers, rooms, and roommate ads). Additionally, the Department of Housing has compiled an apartment listing handout. For more information, contact the Department of University Housing. Additionally, listing and

inserts (such as the *Apartment Blue Book*; *Rental Community Guide*) in the local newspapers, as well as notices on bulletin boards located around campus, may be helpful in locating available housing.

Department of University Housing, University of Georgia, Russell Hall,  
Athens, GA 30602-5575  
Phone: (706) 542-1421 | Fax: (706) 542-8595  
<https://www.housing.uga.edu/>

### **Libraries and Student Learning Center**

The University of Georgia Library is the largest university library in the state and is a member of the Association of Research Libraries. Thus, the Library is equipped to provide comprehensive services to students involving nationwide resources for both curricular and research needs. Numerous online books and journal articles can be retrieved at: <http://www.libs.uga.edu/>. The three principal libraries on campus are:

- Main Library (on North Campus) (706/ 542-3251)
- Science Library (on South Campus) (706/ 542-0698)
- Student Learning Center (706/ 542-7000). Please visit this center at <http://www.sl.c.uga.edu/>. It provides numerous resources for students.

### **Parking Services**

Campus is divided up into permit required areas and short-term pay lots. Permits are distributed based on a unique priority system that takes into account factors such as cumulative hours for students, and years of service for employees. Customers should expect to ride the free bus and/or walk. It is unrealistic to expect to find parking right outside the dorm or building. Time management skills and scheduling around transportation requirements are necessary for a campus the size of UGA. Everyone must display a parking permit at all times on campus for the assigned lot. For more information: <http://www.parking.uga.edu/>

### **Survey Research Center**

This center provides assistance to researchers doing survey research in terms of survey design, data coding, data analysis, etc. Information can be found at: <http://src.ibr.uga.edu/>. The Center charges for these services.

### **UGA MyID, Email**

Official university e-mail communications to students will be sent to the student's UGAMail account. In order to create an email account, a student must first have a UGA MyID. Please access this website in order to create an account: <https://www.myweb.uga.edu/myid/> This MyID can be used to log onto email,

WebCT and some computer labs on campus.

## UGA ID

All students need a UGA Card to withdraw books from the library, access the Ramsey Center, purchase student tickets to university events, and get into dining halls and residence halls. To obtain a UGA card, complete a Student Application Form at the Cashier's Window in the Tate Student Center. Bring a photo identification and proof of registration. The Cashier's Window is open 9:30-4:00 Monday-Friday during regular academic semesters. For details, check: [www.uga.edu/ugacard](http://www.uga.edu/ugacard). Students who need to have access to the Coverdell Building after office hours will need to get a Proximity Card. Contact Sandra McPeake, in the Dean's Office, for details.

### ***UGA ID Number:***

Although students will use the social security number for class registration and University payrolls, the UGACard will have a 16 digit identification number that will remain the entire time at UGA.

- The first six digits are alike on all UGA ID cards (627541). This is the UGA identifier.
- The next nine digits are the ID number. It will begin with 810 followed by six unique numbers assigned to the student.
- The last digit is the issue number. This number will change each time the student replaces the card.
- For access to services where that use a keypad rather, students MUST enter the 10 digit ID number (beginning with 810 and include the current issue number at the end).

### ***Card Security and Hand Scanning:***

After the UGACard Office produces a card, the staff will scan the student's hand to create access security for the card. This feature will prohibit another person from using the card to access University services.

## University Health Center

The University Health Center is a state-of-the-art outpatient healthcare facility that provides a large number of medical services to students. Check their website at: <http://www.uhs.uga.edu>.

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## Appendix A: CPH Graduate Course Bulletin

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### **BIOS(STAT) 4380/6380. Survival Analysis.** 3 hours.

Oasis Title: SURVIVAL ANALYSIS.

Undergraduate prerequisite: [(STAT 4210 or STAT 6220) and STAT 4510/6510] or permission of department.

Methods for comparing time-to-event data, including univariate parametric and nonparametric procedures, regression models, diagnostics, group comparisons, and use of relevant statistical computing packages.

Offered spring semester every year.

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### **BIOS 7005. Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: GRAD STUDENT SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar

Offered fall, spring, and summer semesters every year.

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### **BIOS 7010. Introductory Biostatistics I.** 3 hours.

Oasis Title: INTRO BIOSTAT I.

Not open to students with credit in STAT 6200 or STAT 6210 or STAT 6310.

Introductory statistics with applications to medical and biological problems. Topics to be covered include biostatistical design in health research, data collection and management, and introductory concepts and methods of statistical data analysis.

Offered fall, spring, and summer semesters every year.

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### **BIOS 7020. Introductory Biostatistics II.** 3 hours.

Oasis Title: INTRO BIOSTAT II.

Not open to students with credit in STAT 6220 or STAT 6320.

Prerequisite: STAT 6200 or permission of department.

Introduction to a variety of statistical tools with applications in public health and the biological sciences, including survey sampling, multiple regression, experimental design, categorical data analysis, logistic regression, and survival analysis. Motivating examples will be drawn directly from the literature in the health, biological, medical, and behavioral sciences.

Offered spring semester every year.

---

### **BIOS 7100. Biostatistical Applications for the Pharmaceutical and Biotechnology Industries.**

3 hours.

Oasis Title: APP PHARM BIOTECH.

Prerequisite: BIOS 7010 or permission of department.

Biostatistical issues regarding the introduction and regulatory agency (FDA) approval of new drugs, biologics, medical devices, and combination products, and their postmarket surveillance are considered. Data quality assurance, experimental design, clinical trials, power and sample size determination, uncertainty assessment, regression, survival analysis, and variable and model selection are considered.

Non-traditional format: Three hours per week for fifteen weeks online study, including teaching, assignments, discussion, problem-based learning, and case-based learning. Weekend seminar(s) totaling eight contact hours (multi-point video conference) utilizing case-based and problem-based learning methods.

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### **BIOS 7100E. Biostatistical Applications for the Pharmaceutical and Biotechnology Industries.** 3 hours.

Oasis Title: APP PHARM BIOTECH.

Not open to students with credit in BIOS 7100.

Prerequisite: BIOS 7010 or permission of department.

Biostatistical issues regarding the introduction and regulatory agency (FDA) approval of new drugs, biologics, medical devices, and combination products, and their postmarket surveillance are considered. Data quality assurance, experimental design, clinical trials, power and sample size determination, uncertainty assessment, regression, survival analysis, and variable and model selection are considered.

Non-traditional format: Three hours per week for fifteen weeks online study, including teaching, assignments, discussion, problem-based learning, and case-based learning. Weekend seminar(s) totaling eight contact hours (multi-point video conference) utilizing case-based and problem-based learning methods.

**BIOS 7400-7400L. Research Data Management and Computing.** 3 hours. 2 hours lecture and 1 hour lab per week.

Oasis Title: DATA MGMT COMPUTING.

Not open to students with credit in STAT 4360/6360

Prerequisites: BIOS 7020 or STAT 6220 or STAT 6320

Introduction to concepts and techniques of research data management, use of computers and statistical programs to process and analyze biomedical and health-related data.

Offered fall semester every year.

---

**BIOS 8100. Case Studies in Nonlinear Biostatistics.** 3 hours.

Oasis Title: NONLINEAR BIOSTAT.

Not open to students with credit in STAT 8230.

Prerequisite: BIOS 7020 or STAT 6220 or STAT 6320.

Case studies of nonlinear biostatistical methods in public health and the biological sciences. Nonlinear regression, nonparametric regression, generalized linear models, and survival analysis are considered. Applications include the modeling of growth curves, dose-response functions, risk assessment, and pharmacokinetic functions.

Offered spring semester every even-numbered year.

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**BIOS 8110. Categorical Data Analysis.** 3 hours.

Oasis Title: CATEGORICAL DATA.

Prerequisite: BIOS 7010 or STAT 6210 or STAT 6310.

Introduction to analysis of categorical data including log-linear models, logistic regression, probit models, graphical models and casual inference. Motivating examples will be drawn directly from the literature in the health, biological, medical, and social sciences.

Offered fall semester every year.

---

**BIOS(STAT) 8220. Clinical Trials.** 3 hours.

Oasis Title: CLINICAL TRIALS.

Prerequisite: STAT 6320.

Drug development and NDA approval procedures; randomization; blindness; phase I-IV clinical trials; multicenter trials; bioequivalency; sample size determination; design and analysis; cross-over design; repeated measurements design; survival analysis; meta analysis.

Offered fall semester every year.

---

**BIOS 8900. Special Topics in Biostatistics.** 3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: TOPICS IN BIOSTAT.

Prerequisite: Permission of department.

Selected topics concerning recent developments in biostatistics are covered.

Offered fall, spring, and summer semesters every year.

---

**BIOS 8910. Problems in Biostatistics.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: PROBLEMS IN BIOSTAT.

Analysis of contemporary biostatistical methods, theory, and applications.

Non-traditional format: Variable hours established by instructor.

Offered fall, spring, and summer semesters every year.

**(EHSC)ENTO 4060/6060. Ecotoxicology.** 3 hours.

Oasis Title: ECOTOXICOLOGY.

Undergraduate prerequisite: CHEM 2212 or BCMB(BIOL)(CHEM) 3100.

The effects of chemical toxicants and other contaminants on ecosystems with emphasis on organisms other than human. Topics include fundamental concepts in ecotoxicology, in situ biological monitoring, biomarkers in population studies, major classes of pollutants and their fate in ecosystems, effects of contaminants on individual organisms, and effects of contaminants on population and communities.

Offered fall semester every year.

**EHSC 4070/6070-4070L/6070L. Environmental Biotechnology.** 3 hours.

Oasis Title: ENVI BIOTECH.

Undergraduate prerequisites: BIOL 1103 or 1107, and 1104 or 1108; CHEM 1110/L, 1211/L or 1311/L; and GENE (BIOL) 3200 or EHSC 4700/6700 or similar courses (i.e., 1 year introductory biology, introductory chemistry lab, and a course in genetics).

Graduate prerequisites: One- year undergraduate biology, introductory chemistry lab, and a course in genetics.

Integrated lecture/laboratory course covering the use of molecular genetic tools to solve ecological, environmental, and public health issues. Provides detailed insight for applications and use of molecular genetic tools and hands on experience. Intended to provide relevant training and experience for laboratory based graduate studies and careers.

Offered fall semester every even year.

---

**EHSC 4080/6080. Environmental Air Quality.** 3 hours.

Oasis Title: ENVIR AIR QUALITY.

Undergraduate prerequisite: CHEM 2211 and CHEM 2211L.

Sources, control, and modeling of air pollution; effects of air pollutants on human health and the environment; atmospheric chemistry, indoor air quality, and regulatory issues.

Offered spring semester every year.

---

**EHSC 4090/6090. Emerging Technologies: Bioremediation.** 3 hours.

Oasis Title: BIOREMEDIATION.

Undergraduate prerequisite: BIOL 1103 or BIOL 1107-1107L.

Bioremediation is the treatment of contaminated soils, sediments, and groundwater by microorganisms, fungi, plants, or components from these organisms. Overview of organism physiology, genetic engineering, and details of environmental health hazards amenable to bioremediation. Exploration of case studies that exemplify approaches to bioremediation.

Offered spring semester every odd-numbered year.

---

**EHSC 4100/6100-4100L/6100L. Industrial Hygiene.** 3 hours. 2 hours lecture and 2 hours lab per week.

Oasis Title: INDUSTRIAL HYGIENE.

Undergraduate prerequisite: CHEM 2211 and CHEM 2211L.

The anticipation, recognition, evaluation, and control of those environmental factors, arising in or from the workplace, which can cause sickness, impaired health and well-being, or significant discomfort and inefficiency among workers or among community citizens.

Offered fall semester every year.

---

**EHSC 4150/6150. Solid and Hazardous Waste Management.** 3 hours.

Oasis Title: SOL HAZ WASTE MGMT.

Undergraduate prerequisite: MATH 1113 and CHEM 2211 and CHEM 2211L.

Regulatory, chemical, and engineering aspects of solid and hazardous waste management, including RCRA, CERCLA, landfill and incinerator design, pollutant transport and fate, and potential for human health impacts.

Offered fall semester every year.

---

**(EHSC)AAEC 4250/6250. Environmental and Public Health Law.** 3 hours.

Oasis Title: ENV PUB HLTH LAW.

Not open to students with credit in AAEC 4930/6930.

Undergraduate prerequisite: Third-year student standing and (POLS 1101 or HIST 2111 or HIST

2112).

Basic legal principles and procedures as they relate to environmental regulations and public health. Coverage of common law, torts, nuisances, regulatory standards, and state and federal environmental laws. Delineation of significant constitutional and federal regulations that affect managerial decisions. Offered spring semester every year.

---

**EHSC(FDST)(MIBO) 4310/6310-4310L/6310L. Environmental Microbiology.** 4 hours. 2 hours lecture and 4 hours lab per week.

Oasis Title: ENVIRON MICROBIOL.

Undergraduate prerequisite: MIBO 3000-3000L or MIBO 3500.

Types of microorganisms in the environment; effect of environmental conditions on microbial existence; public health aspects of environmental microbiology; applications of microorganisms to solve environmental problems.

Offered spring semester every year.

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**(EHSC)FDST(MIBO) 4320/6320-4320L/6320L. Hazard Analysis Critical Control Point in the Food Industry.** 3 hours. 2 hours lecture and 3 hours lab per week.

Oasis Title: HACCP IN FD IND.

Undergraduate prerequisite: FDST 3000 or MIBO 3000-3000L or MIBO 3500.

Emphasis on Hazard Analysis Critical Control Point (HACCP) and its prerequisite (e.g., GAP, GMP, SSOP) programs used to promote food safety in the food industry. Upon completion of the course and passing an examination, the students will receive HACCP certification.

Offered fall semester every year.

---

**EHSC 4350/6350-4350L/6350L. Environmental Chemistry.** 3 hours. 3 hours lecture and 2 hours lab per week.

Oasis Title: ENVIRONMENTAL CHEM.

Undergraduate prerequisite: CHEM 2211 and CHEM 2211L and MATH 1113 and STAT 2000.

Chemical principles of environmental processes which result from natural or human-generated phenomena; air, water, and soil chemical reactions involving pollutants and wastes; measurement of pollutants in the environment.

Offered fall semester every even-numbered year.

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**EHSC 4400/6400. Environmental Issues in the Developing World.** 3 hours.

Oasis Title: ENV ISSUE DEV WORLD.

Undergraduate prerequisite: EHSC 3060 or PBHL(PMCY) 3100 or permission of department.

Graduate prerequisite: EHSC 7060 or permission of department.

Study of environmental issues in developing countries, including water, soil, and air contamination resulting from human impacts and industrial development. Strategies to mitigate or manage contamination issues will also be discussed.

Offered spring semester every even-numbered year.

---

**EHSC 4490/6490. Environmental Toxicology.** 3 hours.

Oasis Title: ENVIRON TOXICOLOGY.

Undergraduate prerequisite: CHEM 2211 and CHEM 2211L and (BIOL 1104 or BIOL 1108-1108L).

Extent and significance of toxic agents in the environment, and the physical, chemical, and biological processes which determine their behavior, fate, and ultimate effect on human health.

Offered fall semester every year.

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**EHSC 4610/6610. Water Pollution and Human Health.** 3 hours.

Oasis Title: WATER POLLUTION.

Undergraduate prerequisite: EHSC 3060.

Undergraduate prerequisite or corequisite: CHEM 2211 and CHEM 2211L.

Human health issues related to water consumption and use, focusing on water contamination from municipal, industrial, and agricultural practices.

Offered fall semester every year.

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**EHSC 4700/6700. Genetic Applications in Environmental Health Science.** 3 hours.

Oasis Title: EHS APPL GENETICS.

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Undergraduate prerequisite: BIOL 1103 or 1107-1107L.

Exploration of environmental and public health issues through the use of genetics. Overview of basic genetics followed by the use of molecular genetic tools to provide evidence for use in the food industry, conservation biology, and pollutant remediation. Includes ethical, legal, and social implications of these technologies.

Offered spring semester every odd-numbered year.

---

**EHSC 6010. Proseminar in Environmental Health.** 1 hour.

Oasis Title: PROSEMINAR IN EH.

Prerequisite: Permission of department.

Research methods with an emphasis on presentation and instructional techniques.

Offered spring semester every year.

---

**EHSC 7000. Master's Research.** 1-12 hours. Repeatable for maximum 36 hours credit.

Oasis Title: MASTER'S RESEARCH.

Prerequisite: Permission of department.

Research while enrolled for a master's degree under the direction of faculty members.

Non-traditional format: Independent research under the direction of a faculty member.

Offered fall, spring, and summer semesters every year.

---

**EHSC 7005. Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: GRAD STUDENT SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar.

Offered fall, spring, and summer semesters every year.

---

**EHSC 7060. Fundamentals of Environmental Health Science.** 3 hours.

Oasis Title: FUND ENV HLTH SCI.

Fundamentals of environmental health science, including health problems related to contamination of air, water, food, the workplace, and other environments. Environmental control agencies, policies and regulations, and pollution prevention and control strategies are discussed.

Offered fall semester every year.

---

**EHSC 7100. Internship in Public Health.** 3-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: PUB HLTH INTERNSHIP.

Prerequisite: EHSC 7060 and permission of department.

Practical work experience to familiarize the student with various aspects of public health.

Non-traditional format: Experiential education and training in a specialized area of public health under the direction of an approved mentor.

Offered fall, spring, and summer semesters every year.

---

**EHSC 7200. Laboratory Health and Safety.** 3 hours.

Oasis Title: LABORATORY SAFETY.

Provides laboratory professionals with the information and tools needed to work safely in the lab. The three primary areas of chemical, radiological, and biological safety in labs will be covered.

Offered fall semester every year.

---

**EHSC 7300. Master's Thesis.** 1-9 hours. Repeatable for maximum 12 hours credit.

Oasis Title: MASTER'S THESIS.

Prerequisite: Permission of department.

Thesis writing under the direction of the major professor.

Non-traditional format: Independent research and thesis preparation.

Offered fall, spring, and summer semesters every year.

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**EHSC 7510. Fundamentals of Chemical and Microbial Risk Assessment.** 3 hours.

Oasis Title: FUND RISK ASSESS.

Not open to students with credit in EHSC 8510-8510L.

Examination of fundamental elements of risk assessment, chemicals, and microorganism assessments,

and assessment use by federal agencies. Risk assessments conducted and used by international groups will be compared and evaluated. Includes a combination of lecture, case studies, critical discussions of primary literature, and a group risk assessment project.  
Offered spring semester every even-numbered year.

---

**EHSC 8070. Environmental and Occupational Epidemiology.** 3 hours.

Oasis Title: ENV OCC EPI.

Prerequisite: EHSC 4070/6070 or permission of department.

Advanced concepts in epidemiology with a focus on environmental and occupational epidemiology. Areas of emphasis will include exposure assessment, observational and experimental study designs, data interpretation, major environmental exposure groups (e.g., air, water, pesticides, metals, noise, others), case studies, and real-world practical applications.

Offered fall semester every year.

---

**EHSC 8100. Current Topics in Environmental Health Science.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: TOPICS ENVIRON HLTH.

Public health, industrial hygiene, environmental protection, hazardous waste management, and environmental/occupational toxicology.

Not offered on a regular basis.

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**EHSC(AAEC) 8120. Roles and Responsibilities of Environmental Policy Makers.** 2 hours.

Oasis Title: ENVIRON POLICY.

Prerequisite: Permission of department.

Roles of science, engineering, law, journalism, economics, grass roots activism, and the legislative and regulatory process in the development of environmental policy.

Offered spring semester every year.

---

**EHSC 8150. Environmental Health Seminar.** 1 hour. Repeatable for maximum 2 hours credit.

Oasis Title: ENVIR HLTH SEMINAR.

Prerequisite: Permission of department.

Selected topics in environmental health.

Offered fall, spring, and summer semesters every year.

---

**EHSC 8220-8220L. Predictive Toxicology Using Mathematical Models.** 4 hours. 3 hours lecture and 2 hours lab per week.

Oasis Title: PBPK MODELS.

Prerequisite: Permission of department.

This modeling course is designed for life science graduate students with an interest in quantitative toxicology. Biologically based models founded on fundamentals of chemistry, biochemistry and physiology such as physiologically based pharmacokinetic/pharmacodynamic (PBPK/PD) models are discussed in mammalian species. PBPK models are dosimetry models that describe the uptake, distribution, metabolism, and elimination of chemicals in the body and when combined with toxic responses, predict toxicity.

Offered fall semester every odd-numbered year.

---

**EHSC (EPID) 8250. Biomarkers: Public Health, Clinical, and Environmental Toxicology Applications.** 3 hours.

Oasis Title: BIOMARKERS.

Prerequisites: EPID 7010, Introduction to Epidemiology I or equivalent, EHSC 7060, Fundamentals of Environmental Health Science or equivalent, OR EHSC 6940, Environmental Toxicology or equivalent.

This interdisciplinary course will provide contemporary information on the use of biomarkers in clinical practice, and in public health and environmental assessments. Biomarkers of clinical or sub-clinical disease, exposure to chemicals or pathogens, and adverse insults on humans and organisms in the environment play an important role in Environmental Health Science, Epidemiology, and Toxicology as well as other disciplines.

Offered spring every year.

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**EHSC 8310. Advanced Topics in Aquatic Microbiology, Health, and the Environment.** 3 hours.

Repeatable for maximum 9 hours credit.

Oasis Title: AQUATIC MICRO HEALT.

Prerequisite: Permission of department.

Special topics related to public health, water quality, and environmental microbiology will be covered by a combination of lecture, student-driven seminars, and critical discussions of primary literature.

Topics will vary by semester and may include oceans and human health, methods in environmental microbiology, and wastewater microbiology.

Offered fall semester every year.

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**EHSC 8400. Occupational and Environmental Diseases.** 3 hours.

Oasis Title: OCC & ENV DISEASES.

Not open to students with credit in EHSC 7400.

Prerequisite: EHSC 4490/6490 or PHRM(VPHY) 6910 or permission of department.

Provides an understanding of the current state of occupational and environmental diseases in the United States for occupational health and safety practitioners, toxicologists, and other public health students. A basic understanding of toxicology, human physiology, and anatomy is recommended for the course.

Offered spring semester every year.

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**EHSC (MARS) 8410. Oceans and Human Health.** 3 hours.

Oasis Title: OCEAN HUMAN HEALTH

Prerequisites: MARS(MIBO) 4620/6620-4620L/6620L or EHSC (FDST)(MIBO) 4310/6310-4310L/6310L or MARS 8010 or permission of department.

Oceans and the marine environment are increasingly recognized for their role in the health of the human population, both as a source of disease and source of new bioactive (medicinal) agents.

Exploration of this emerging field with a combination of lecture, student-driven seminars, and critical discussions of primary literature.

Offered fall semester every even year.

---

**EHSC 8510-8510L. Environmental Risk Assessment and Communication.** 3 hours. 2 hours

lecture and 2 hours lab per week.

Oasis Title: ENV RISK ASST/COM.

Prerequisite: EHSC 4490/6490 or PHRM(VPHY) 6910 or PHRM(VPHY)(POUL)(EHSC) 8930 or permission of department.

Assessment of risks related to environmental exposures; government agency definition and conduct of risk assessments; public communication of environmental exposure risks.

Offered spring semester every even-numbered year.

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**EHSC (EPID) 8540. Microbial Quantitative Risk Assessment.** 3 hours. 2 hours lecture and 2 hours lab per week.

Oasis Title: MICRO RISK ASST.

Prerequisites: MIBO 3000 or MIBO 3500 or equivalent and STAT 6220 or STAT 6320 or BIOS 7020 or equivalent (POI)

Corequisites: EHSC 4310-4310L/6310-6310L or FDST 4030-4030L/6030-6030L or permission of instructor.

This course will present the framework for stochastic microbial quantitative risk assessment (QRA) to evaluate threats to human or animal health resulting from exposure to contaminated food, water, or air. The use of simulation software in QRA modeling will be introduced. FDA QRAs will be covered as examples.

Offered fall semester every even year.

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**EHSC 8550. Developmental and Reproductive Toxicology.** 3 hours.

Oasis Title: DEVELOP REPROD TOX.

Prerequisite: PHRM(VPHY) 6910 or EHSC 4490/6490 or permission of department.

Topics will include developmental and reproductive processes; how chemical, biological, or physical agents disrupt normal processes; experimental approaches to evaluating suspected teratogens; and mechanisms for how exposure to agents results in reproductive or developmental abnormalities. Class

will include a combination of lecture, case studies, and critical discussions of primary literature.  
Offered spring semester every odd-numbered year.

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**EHSC(ECOL)(FISH)(WASR) 8610. Aquatic Toxicology.** 3 hours.

Oasis Title: AQUATIC TOXICOLOGY.

Prerequisite: CHEM 2211 and CHEM 2211L and [EHSC 4490/6490 or PHRM(VPHY) 6910 or PHRM(VPHY)(POUL)(EHSC) 8920].

Toxicological effects of aquatic pollution focusing on fate and transport of xenobiotics; xenobiotic accumulation, dynamics, and toxicity in aquatic organisms; the analysis and modeling of the effects of aquatic pollution on organisms; and the determination of related risks to aquatic ecosystems and human populations.

Offered spring semester every odd-numbered year.

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**EHSC 8630-8630L. Quantitative Ecological Toxicology.** 4 hours. 3 hours lecture and 2 hours lab per week.

Oasis Title: QUANT ECOTOXICOLOGY.

Prerequisite: ECOL(BIOL) 3500-3500L and (STAT 4220 or STAT 6220).

Principles and quantitative methods for the analysis of ecotoxicological data.

Offered summer semester every odd-numbered year.

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**EHSC 8710. Issues in Biosafety and Biosecurity.** 3 hours.

Oasis Title: ISSUES IN BIOSAFETY.

Not open to students with credit in EHSC 7070.

Legal and technical aspects of biosafety and biosecurity as applied to emerging infections, bioterrorism, bioengineering, and laboratory or environmental situations involving humans, plants, or animals. Specific prevention strategies and techniques for containment, decontamination, and disposal, designed to prevent or minimize occupational or environmental risk, will be presented.

Offered spring semester every even-numbered year.

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**EHSC 8800. Special Problems in Environmental Health Science.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: SPECIAL PROBLEMS.

Prerequisite: Permission of department.

Research or intensive study in a specialized area of environmental health under the direction of a faculty member.

Non-traditional format: Research in an area of interest under the direction of a faculty member.

Offered fall, spring, and summer semesters every year.

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**(EHSC)PHRM(POUL)(VPHY) 8930. Chemical Toxicology.** 3 hours.

Oasis Title: CHEMICAL TOXICOLOGY.

Prerequisite: PHRM(VPHY) 6910 or permission of department.

Chemical contamination of air, water, and food by major agricultural and industrial chemicals.

Emphasis will be placed on sources of contamination, fate of chemicals in the environment, target species, health effects, chemical analyses, and contamination control.

Offered spring semester every year.

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**EHSC 9000. Doctoral Research.** 1-12 hours. Repeatable for maximum 45 hours credit.

Oasis Title: DOCTORAL RESEARCH.

Prerequisite: Permission of department.

Research while enrolled for a doctoral degree under the direction of faculty members.

Non-traditional format: Independent research under the direction of faculty members.

Offered fall, spring, and summer semesters every year.

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**EHSC 9005. Doctoral Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: DOC GRAD STU SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar.  
Offered fall, spring, and summer semesters every year.

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**EHSC 9300. Doctoral Dissertation.** 1-12 hours. Repeatable for maximum 12 hours credit.  
Oasis Title: DOCT DISSERTATION.  
Prerequisite: Permission of department.  
Dissertation writing under the direction of a major professor.  
Non-traditional format: Independent research and preparation of the doctoral dissertation.  
Offered fall, spring, and summer semesters every year.

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**(EPID)FDNS 5040/7040. Nutritional Epidemiology.** 3 hours.  
Oasis Title: NUTR EPIDEMIOLOGY.  
Undergraduate prerequisite or corequisite: FDNS 4050/6050 or FDNS 4510/6510.  
An introduction to the basic concepts of nutritional epidemiology such as measuring disease frequency, prevalence, incidence, proportions; use of screening during human disease outbreak; and food poisoning investigations. Modeling of experimental and observational epidemiologic study designs used in the field of nutrition, critique of scientific papers, and ethical issues in nutrition research and publication.  
Offered spring semester every year.

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**EPID 7005. Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.  
Oasis Title: GRAD STUDENT SEM.  
Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.  
Non-traditional format: Seminar  
Offered fall, spring, and summer semesters every year.

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**EPID 7010. Introduction to Epidemiology I.** 3 hours.  
Oasis Title: INTRO EPIDEMI I.  
Introduction of principles and methods of epidemiology, emphasizing study design. Measures of morbidity and mortality, data sources, observational and experimental designs, data interpretation, quantitative methods to determine risk associations, controlling for confounding factors, and applications of epidemiology will be covered. Community health, environmental epidemiology, infectious, noninfectious and chronic disease epidemiology are considered.  
Offered fall semester every year.

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**EPID 7020. Introduction to Epidemiology II.** 3 hours.  
Oasis Title: INTRO TO EPI II.  
Prerequisites: EPID 7010.  
Strategies for investigation of etiologic hypotheses including study design, data collection, quantitative assessment and control of confounding and other biases, evaluation of effect modification, and interpretation and reporting of study results will be covered in detail. Topics will include analysis of data from cross-sectional, case-control, and cohort study designs.  
Offered spring semester every year.

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**EPID 7200. Epidemiological Aspects of Health Disparities.** 3 hours.  
Oasis Title: HEALTH DISPARITIES  
Introductory survey of the growing problem of racial and ethnic disparities in health and healthcare facing the public health and healthcare systems in the United States. Reviews a number of topics and challenges students to think critically about them.  
Scheduling for this course has not yet been determined.

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**EPID (EHSC) 8070. Environmental and Occupational Epidemiology.** 3 hours.  
Oasis Title: ENV OCC EPI  
Prerequisites: EPID 4070/6070 or permission of department.  
Advanced concepts in epidemiology with a focus on environmental and occupational epidemiology. Areas of emphasis will include exposure assessment, observational and experimental study designs,

data interpretation, major environmental exposure groups (e.g., air, water, pesticides, metals, noise, others), case studies, and real-world practical applications.  
Offered fall semester every year.

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**EPID 8200. Molecular Epidemiology.** 3 hours.

Oasis Title: MOLECULAR EPI.

Prerequisite or corequisite: EPID 7010 or permission of department.

Introduction to the basic concepts and technologies from genetics and molecular biology, and the diverse ways they are marshalled to solve practical problems in disease spread and risk identification.  
Offered spring semester every odd-numbered year.

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**EPID(GRNT) 8300. Epidemiology of Aging.** 3 hours.

Oasis Title: EPI OF AGING.

The epidemiology of aging and age-related disorders from a public health prospective using ecological model. Focus on application of epidemiologic methods to study of function, chronic disease, and survival in elderly populations. Discussion of the impact of aging society on public health, including challenges of research in older adult populations

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**EPID(GRNT) 8400. Epidemiology of Chronic Disease.** 3 hours.

Oasis Title: EPI CHRONIC DISEASE.

Examination of chronic disease from an epidemiologic perspective, with an emphasis on methodological and practical issues of study designs, exposure and outcome assessment, factors determining the distribution of selected chronic diseases and critical review of relevant epidemiologic literature. Students are introduced to disease registries, their purpose, benefits and limitations.  
Offered fall semester every year.

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**EPID 8410. Cancer Epidemiology.** 3 hours.

Oasis title: CANCER EPIDEMIOLOGY

Prerequisites: EPID 7010

Reviews fundamentals of cancer epidemiology including classic descriptive cancer epidemiology, basic cancer biology, etiology of common and uncommon human cancers, major and minor risk factors for cancer, screening techniques for early detection, cancer biomarkers, and current research.

Epidemiologic methodology and surveillance techniques including cancer registries will be covered.

Offered spring semester every even year.

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**EPID 8500. Infectious Disease Epidemiology.** 3 hours.

Oasis title: INFECTIOUS DISEASE

Prerequisites: EPID 7010

Introduction to infectious disease epidemiology, the branch of epidemiology that investigates epidemics, studies transmission dynamics of infectious diseases, and evaluates control measures for infectious diseases. This course draws on the disciplines of microbiology, immunology, entomology, mathematics and clinical medicine.

Offered fall semester every year.

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**EPID 8900. Special Topics in Epidemiology.** 3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: TOPICS IN EPIDEM.

Prerequisite: Permission of department.

Selected topics concerning recent developments in epidemiology are covered.

Offered fall, spring, and summer semesters every year.

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**EPID 8910. Problems in Epidemiology.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: PROBLEMS IN EPIDEM.

Prerequisite: Permission of department.

Analysis of contemporary epidemiological methods, theory, and applications.

Non-traditional format: Directed study. Variable hours established by instructor.

Offered fall, spring, and summer semesters every year.

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**(HPAM)PHRM 5350/7350. Disaster Training for Health Care Professionals.** 3 hours.

Oasis Title: DISASTER TRAINING.

Undergraduate prerequisite: Permission of department.

Basic first aid and disaster relief training for future pharmacists, other health care professionals, and graduate students. First responders training and mock simulations for weapons of destruction events, including case studies, tabletop exercises, and mass casualty medical response.

Offered fall semester every year.

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**HPAM 7005. Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: GRAD STUDENT SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar

Offered fall, spring, and summer semesters every year.

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**HPAM 7100. Current Topics in Health Policy and Management.** 3 hours. Repeatable for maximum 9 hours credit.

Oasis Title: HEALTH POLICY TOPIC.

Current topics in health policy and management as they relate to local, national, and global public health issues will be explored in this seminar. Topics may be drawn from those in the areas of health promotion, disease prevention, environmental health, gerontology, health financing, and health care delivery systems.

Offered spring semester every year.

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**(HPAM)PHRM 7230. Ethical Issues in Research.** 2 hours.

Oasis Title: ETHICAL ISSUES RES.

Prerequisite: Permission of department.

Ethics of research in animals and human subjects, fraud, scientific misconduct, and conflicts of interest.

Offered spring semester every even-numbered year.

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**(HPAM)PHRM 7230E. Ethical Issues in Research.** 2 hours.

Oasis Title: ETHICAL ISSUES RES.

Not open to students with credit in PHRM(HPAM) 7230.

Prerequisite: Permission of department.

Ethics of research in animals and human subjects, fraud, scientific misconduct, and conflicts of interest.

Offered spring semester every even-numbered year.

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**HPAM 7351. Advanced Emergency/Disaster Management for Health Professionals.** 3 hours.

Oasis title: DISASTER MANAGEMENT.

Not open to students with credit in HPAM 8910 Sp08.

Prerequisites: HPAM 7350 or PHRM 5350.

Theory and practice needed to perform as a Public Health Professional in emergencies including hands-on experience with Tabletop and actual on-site Full Scale Exercises; JCAHO standards for emergency management; National Incident Management System (NIMS) and Incident Command System (ICS), AMA Advanced Disaster Life Support certification.

Offered spring semester every year.

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**HPAM 7400. Public Health, Law, and Society.** 3 hours.

Oasis Title: PUBLIC HEALTH LAW.

Overview of the United States legal system affecting public health, healthcare, and the environment. A survey of the legal and regulatory process, an introduction to the major health and environmental statutes, and an overview of the tort system.

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**HPAM(PHRM) 7600. Introduction to Health Policy and Management.** 3 hours.

Oasis Title: HEALTH POLICY.

A detailed look at the United States health care system and how it is organized. Policy and management issues affecting providers as well as patients; the role of government in financing care and maintaining quality; the relationship between health policy and management in their historical,

economic and political context.  
Offered spring semester every year.

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**HPAM(PHRM) 7700. Public Health and Healthcare Ethics.** 3 hours.

Oasis Title: PUBLIC HEALTH ETHIC.

Survey of ethical issues facing healthcare providers in the United States and the public health system. Students will be required to think critically about ethical issues in health care today, analyze complex situations, and develop a personal position and will be active participants leading weekly discussions from the reading.

Non-traditional format: This course will review a number of topics and challenge students to think critically about them. Classes will consist of lectures and student led discussions. Guest lecturers will be drawn from the academic community, as well as other institutions, e.g., hospitals, health departments, etc. A major goal will be a research paper on one of the ethical issues reviewed in class. Student papers will be presented to the class at the end of the semester.

Offered fall semester every year.

**HPAM 8300. Research Methods in Health Policy.** 3 hours.

Oasis Title: POLICY RES METH

Prerequisites: HPAM (PHARM) 7600

Focuses on the practice of research with an emphasis on topics relevant in the field of health policy. Topics include a review of empirical techniques, the tools for understanding and critically assessing the literature, and the tools for conducting original research.

Offered fall semester every other year.

**(HPAM)PHRM(PMCY) 8310. Discrete Choice Experiments in Health Economics Evaluations.** 3 hours.

Oasis Title: DISCRETE CHOICE EXP.

Prerequisite or corequisite: STAT 6200 or STAT 6210.

Theoretical background, assessment, research design, modeling, statistical analysis, and utility of Discrete Choice Experiments in evaluating health care decision making in a limited resources opportunity cost framework. Statistical analytic techniques to enhance the understanding and applications of the techniques of Discrete Choice Experiments.

Non-traditional format: Lectures, small group work, independent reading of literature and assigned manuscripts, use of computer packages (STATA, LIMDEP), and required write-up and preparation of manuscripts.

**HPAM 8350. Public Health Consequences of Disasters.** 3 hours.

Oasis Title: DISASTER CONSEQUENC.

Historical events/case studies for public health emergencies; disaster disease surveillance and epidemiology; managing environmental health aspects of disasters; public health risk in disasters; key laws guiding public health emergency response; mental health consequences, mass prophylaxis; mass casualty issues including burn care and isolation.

Offered spring semester every year.

**HPAM 8351. Information for Management of Emergencies and Disasters.** 3 hours.

Oasis Title: DISASTER INFO

Discussion of the various types of data and information and their collection for effective disaster mitigation, planning, response and recovery. Several national and international case studies will be analyzed as well as discussion of lessons learned.

Offered fall semester every year.

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**HPAM 8400. Advanced Topics in Health Policy.** 3 hours.

Oasis Title: ADV HEALTH POLICY.

Prerequisite: HPAM(PHRM) 7600.

In-depth look at major health politics and policy issues confronted by a broad spectrum of public and private sectors. This course will provide a detailed and systematic analysis of the health policy environment that shapes health care policymaking, and will examine the role played by key actors in the health field.

Offered fall semester every year.

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**HPAM 8500. Comparative Health Care Systems.** 3 hours.

Oasis Title: COMP HLTH SYSTEMS.

The institutional, financial, and policy mechanisms of important world health care systems. Examination of major international institutions such as the World Health Organization and significant non-governmental groups addressing global health needs. Different models for the organization of health systems at the level of the nation-state, including single-payer, employer-based, and mixed models will also be examined.

Offered fall semester every even-numbered year.

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**HPAM 8600. Health Economics.** 3 hours.

Oasis Title: HEALTH ECONOMICS.

Not open to students with credit in HPAM 7610.

Prerequisite or corequisite: HPAM(PHRM) 7600 or permission of department.

Health economics presents students with a theoretical and analytical overview of the tools needed to address such topics as rising health care costs, the government role in health care, and health care reform. Topics will include the economic determinants of health, the market for medical care, the market for health insurance, the role of the government in health promotion, environmental health, health care and health care reform, and cost-benefit analysis.

Offered fall semester every year.

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**(HPAM)PHRM 8670. Economic Evaluation in Health Care.** 3 hours.

Oasis Title: ECON EVAL HEALTH.

Prerequisite: STAT 6220 and PHRM 8660.

The application of economic evaluation techniques in health care decision-making. Topics include cost-effectiveness analysis, cost-benefit analysis, discounting, Markov models, sensitivity analysis and controversies of economic evaluations.

Offered spring semester every year.

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**HPAM 8800. Leadership in Public Health.** 3 hours.

Oasis Title: LEADER PUB HLTH.

Development of leadership and managerial competencies relevant for work in public and private health care institutions.

Offered fall semester every odd-numbered year.

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**HPAM 8810. Health Policy Planning and Evaluation.** 3 hours.

Oasis Title: POLICY PLAN EVAL

Prerequisites: HPAM (PHRM) 7600

Introduces the skills and techniques required to research and develop health policy and programmatic initiatives in national and state systems and at the community level. Students will be presented with concepts, processes, and techniques used in health policy planning and will engage in various planning exercises.

Offered fall semester every year.

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**HPAM 8850. Economic Evaluation in Public Health.** 3 hours.

Oasis Title: ECON EVAL IN PH.

Not open to students with credit in PHRM 8670.

Introduction to several methods for conducting economic evaluation of public health programs: cost-effectiveness analysis, cost-utility analysis, and benefit-cost analysis. Each method is discussed in turn, with a special emphasis on how outcomes or benefits are defined, practical application of the methods, policy implications, and the uses and misuses of the methods in the public health arena.

Offered spring semester every even-numbered year.

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**HPAM 8900. Special Topics in Health Administration.** 3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: TOPICS IN HPAM.

Prerequisite: Permission of department.

Selected topics concerning recent developments in health administration and/or health policy.  
Offered fall, spring, and summer semesters every year.

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**HPAM 8910. Problems in Health Administration.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: PROBLEMS IN HPAM.

Prerequisite: Permission of department.

Research or intensive study in a specialized area of health administration under the direction of a faculty member.

Non-traditional format: Variable hours established by instructor.

Offered fall, spring, and summer semesters every year.

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**HPRB 4450/6450. Occupational Safety.** 3 hours.

Oasis Title: OCCUPATIONAL SAFETY.

The specific areas and the broad scope in methods, materials, and problems in occupational safety programming with special emphasis on organization and implementation of injury prevention and control techniques.

Offered every year.

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**(HPRB)SPCM 4610/6610. Health Communication.** 3 hours.

Oasis Title: HEALTH COMM.

Communication about health with physicians and other providers, within support groups and health care organizations, and by public figures, groups, and organizations.

Offered fall semester every year.

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**HPRB 5060/7060. Educational Strategies in Human Sexuality.** 3 hours.

Oasis Title: ED STRAT HUMAN SEX.

Theory and practice of sexuality education; basic issues, philosophy, and guiding principles; legal implications; needs, justification, and objectives; curriculum critique for school and community programs; content knowledge, resource materials; acceptable methods to approach controversial topics.

Offered every year.

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**HPRB 5160/7160. Special Topics in Health Promotion and Behavior.** 1-3 hours. Repeatable for maximum 6 hours credit.

Oasis Title: SPEC TOPICS IN HPB.

Selected health problems or issues, with emphasis on epidemiology, etiology, and the development and evaluation of prevention measures.

Non-traditional format: Format will generally be lecture and discussion.

Not offered on a regular basis.

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**HPRB 5210/7210. The Effects of Drug Use and Abuse.** 3 hours.

Oasis Title: EFF DRUG USE/ABUSE.

Social, moral, psychological, and physiological causes and effects of drug use and abuse. Individual, family, and community factors related to prevention and treatment.

Non-traditional format: This course is also offered through University System of Georgia Independent and Distance Learning (IDL).

Offered every year.

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**HPRB 5460. Student Teaching in Health Education.** 1-12 hours. Repeatable for maximum 12 hours credit.

Oasis Title: STU TCHG IN HLTH ED.

Prerequisite: HPRB 3400 and permission of department.

Practical experience in school health education through placement in a public school setting.

Non-traditional format: Undergraduate student teaching under the supervision of a certified teacher

who has been approved by the department. Students meet with the student teaching coordinator on campus at least twice during the semester. Students develop a final professional portfolio as a result of their teaching experience.  
Offered every year.

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**HPRB 5560. Field Experience in Health Promotion.** 1-12 hours. Repeatable for maximum 12 hours credit.

Oasis Title: FIELD EXP HLTH PROM.

Prerequisite: HPRB 4400 and permission of department.

Practical experience in health education/promotion through placement in an appropriate community or worksite setting.

Non-traditional format: Community health field experience/internship under the supervision of a health professional who has been approved by the department. Student compiles a work "diary" and a portfolio of professional activities, and submits a final written report about the experience.

Offered every year.

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**HPRB 6420. Health Education in Early Childhood Education.** 2 hours.

Oasis Title: HLTH ED EARLY CHLHD.

Contemporary issues and trends in curriculum and methods for Early Childhood Health Education.

Emphasis is on the role of the classroom teacher in the comprehensive school health program.

Offered every year.

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**HPRB 7000. Master's Research.** 1-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: MASTER'S RESEARCH.

Prerequisite: Permission of department.

Research while enrolled for a master's degree under the direction of faculty members.

Non-traditional format: Independent research under the direction of a faculty member.

Offered every year.

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**HPRB 7005. Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: GRAD STUDENT SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar.

Offered fall, spring, and summer semesters every year.

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**HPRB 7050. Social and Behavioral Foundations in Health.** 3 hours.

Oasis Title: SOC & BEH FDNS.

Examination of the conceptual and methodological approaches that social and behavioral sciences contribute to public health and research.

Offered every year-scheduling unknown.

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**HPRB 7069. Human Sexuality in Public Health.** 3 hours.

Oasis Title: HUMAN SEXUALITY

Investigation of the sociological, psychological, and ethical aspects of human sexuality. Examination of public health research in sexuality, and impact of public health interventions on behaviors. Exploration of the impact of social factors and the major theoretical perspectives that influence the scientific study of human sexuality.

Offered every year, scheduling unknown.

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**HPRB 7070. Program Planning in Health Promotion and Disease Prevention.** 3 hours.

Oasis Title: PROGRAM PLAN HPDP.

Planning, implementation, and evaluation of health education and health promotion programs in a variety of community settings.

Offered every year.

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**HPRB 7170. Aging and Health.** 3 hours.

Oasis Title: AGING AND HEALTH.

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Health promotion, risk reduction, health maintenance, and health problems of the elderly, from an individual, community, cultural, and policy perspective.  
Offered every year.

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**HPRB 7200. Women in Health and Illness.** 3 hours.

Oasis Title: WOMEN IN HLTH & ILL.

Health and illness concerns of women throughout the life cycle, including the social, political, and cultural contexts of health and health care.

Offered every year.

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**HPRB 7220. Substance Abuse Prevention in Public Health.** 3 hours.

Oasis Title: SUB ABUSE PREV

Examination of the epidemiology of alcohol, tobacco, and other drug (ATOD) use among United States-based populations; the psychological, social, physiological determinants of ATOD use incorporating social/behavioral science theory; the consequences of ATOD use; and public health intervention strategies developed to prevent or intervene on ATOD use and its consequences.

Offered every year- scheduling unknown.

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**HPRB 7270. Resource Development and Program Implementation in Health Promotion and Education.** 3 hours.

Oasis Title: RES DEV & PROG IMPL.

Prerequisite: HPRB 7070.

Managing human resources and implementing health education and health promotion programs.

Offered every year.

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**HPRB 7300. Master's Thesis.** 1-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: MASTER'S THESIS.

Prerequisite: Permission of department.

Thesis writing under the direction of the major professor.

Non-traditional format: Independent research and thesis preparation.

Offered every year.

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**HPRB 7370. Social Marketing of Health: Theory and Process.** 3 hours.

Oasis Title: SOCIAL MKT HEALTH.

Prerequisite: HPRB 7070 or permission of department.

Social marketing theory and process applied to the marketing of health concepts, attitudes, and behaviors.

Offered every year.

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**HPRB 7400. Worksite Health Promotion.** 3 hours.

Oasis Title: WORKSITE HLTH PROM.

Prerequisite: HPRB 7070 or permission of department.

The interaction between human health and the work environment. The design, implementation, and evaluation of prevention and health promotion programs in business and industry.

Offered every year.

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**HPRB 7470. Program Evaluation in Health Promotion and Health Education.** 3 hours.

Oasis Title: EVAL HLTH PROM/ED.

Prerequisite: HPRB 7070.

Introduction to strategies for evaluating health promotion and health education programs in community, worksite, school and health care settings.

Offered spring semester every year.

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**HPRB 7500. Community Health Promotion.** 3 hours.

Oasis Title: COMMUNITY HLTH PROM.

Prerequisite or corequisite: HPRB 7270 or permission of department.

The theoretical and conceptual foundations of community health promotion, the health care system,

multicultural issues in community health, and the contribution of community-based organizations and coalitions to the health and well-being of individuals and the communities in which they reside.

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**HPRB 7650. Applied Project in Health Promotion and Behavior.** 1-3 hours. Repeatable for maximum 3 hours credit.

Oasis Title: APPL PROJ IN HPB.

Prerequisite: Permission of department.

Functional study of a topic that is related to the student's career objectives.

Non-traditional format: Students propose and implement a health promotion/education project and write up the results. This is not a mini-thesis, but the "real world" application of knowledge acquired during the master's degree program.

Offered every year.

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**HPRB 7700. Analysis and Prevention of Injury and Violence.** 3 hours.

Oasis Title: INJURY/VIOLENCE.

Prerequisite: (HPRB 6040 and HPRB 7070) or permission of department.

Causes and consequences of injury and violence, with emphasis on prevention research and program development.

Offered every year.

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**HPRB 7920. Health Behavior.** 3 hours.

Oasis Title: HEALTH BEHAVIOR.

Prerequisite: (HPRB 6040 and HPRB 7070) or permission of department.

Behavioral science theories and models used in health promotion and health education.

Offered every year.

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**HPRB 8000. Directed Study in Health Promotion and Behavior.** 1-6 hours. Repeatable for maximum 6 hours credit.

Oasis Title: DIR STUDY HLTH PROM.

Prerequisite: Permission of department.

Individual study under the direction of a department faculty member.

Non-traditional format: Doctoral level independent study of an issue that applies to the student's research interests. Must be approved in advance by the faculty mentor, the major professor and the department graduate coordinator. The number of credits determines how extensive the final paper is to be.

Offered every year.

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**HPRB 8410. Human Ecology of Health and Illness.** 3 hours.

Oasis Title: HUMAN ECL HLTH&ILL.

Prerequisite: Permission of department.

Major causes of premature disability and death and the relationship of health-related behavior to these problems. Challenges related to hard-to-reach populations, social isolation, economics, health policy, and lack of trust.

Offered every year.

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**HPRB 8420. Theory and Research in Health Behavior.** 3 hours.

Oasis Title: HLTH BEHAV THEORY.

Prerequisite: (HPRB 7920 and HPRB 8410) or permission of department.

Theoretical and conceptual foundations of health-related behavior. The development, change, and maintenance of these behaviors from a bio-behavioral perspective; needs and concerns of under-served and under-represented segments of the population.

Offered every year.

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**HPRB 8430. Intervention and Evaluation of Health Promotion and Disease Prevention.** 3 hours.

Oasis Title: HLTH INTERV & EVAL.

Prerequisite: (HPRB 7070 and HPRB 8420) or permission of department.

Intervention and evaluation strategies in health promotion and disease prevention at the individual,

group, and community levels.  
Offered every year.

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**HPRB 8990. Research Seminar in Health Promotion and Behavior.** 1-3 hours. Repeatable for maximum 5 hours credit.

Oasis Title: RES SEM HLTH PROM.

Prerequisite: Permission of department.

Literature in health promotion and education, health behavior, health communications, and instructional design; research design; data analysis; and development of research proposals.

Non-traditional format: Doctoral research seminar. Students are exposed to the latest issues and strategies as they apply to doctoral level research in Health Promotion and Behavior. Students write papers and/or make presentations based on selected readings in a specific area.

Offered every year.

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**HPRB 9000. Doctoral Research.** 1-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: DOCTORAL RESEARCH.

Prerequisite: Permission of department.

Research while enrolled for a doctoral degree under the direction of faculty members.

Non-traditional format: Independent research under the direction of a faculty member.

Offered every year.

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**HPRB 9005. Doctoral Graduate Student Seminar.** 3 hours. Repeatable for maximum 45 hours credit.

Oasis Title: DOC GRAD STU SEM.

Advanced supervised experience in an applied setting. This course may not be used to satisfy a student's approved program of study.

Non-traditional format: Seminar.

Offered fall, spring, and summer semesters every year.

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**HPRB 9300. Doctoral Dissertation.** 1-12 hours. Repeatable for maximum 30 hours credit.

Oasis Title: DOCT DISSERTATION.

Prerequisite: Permission of department.

Dissertation writing under the direction of the major professor.

Non-traditional format: Independent research and preparation of the doctoral dissertation.

Offered every year.

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**HPRB 9630. Critique of Literature in Health Promotion and Behavior.** 3 hours.

Oasis Title: CRIT LIT HLTH PROM.

Prerequisite: Permission of department.

Critical interpretation and evaluation of research and theoretical writing.

Offered every year.

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**PBHL 7560. Internship in Public Health.** 1-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: INTERNSHIP PBHL.

Prerequisite: Permission of department.

Practical experience in public health through placement in appropriate public health related agencies.

Non-traditional format: Graduate-level field experience in public health. Required of all students completing the Masters of Public Health.

Offered fall, spring, and summer semesters every year.

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**PBHL 7800. Capstone Project in Public Health.** 1-9 hours. Repeatable for maximum 9 hours credit.

Oasis Title: CAPSTONE PUBL HLTH.

Prerequisite: Permission of department.

A written project that culminates the Master in Public Health program.

Non-traditional format: With the approval of the advisor, students propose and implement a public health project. The project may consist of a master-level paper (e.g., review of the literature, examination of a public health problem, evaluation of a public health program, novel approach to a

public health issue) or a publishable article.  
Offered fall, spring, and summer semesters every year.

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**PBHL 8100. Current Topics in Public Health.** 3 hours.

Oasis Title: PUBLIC HLTH TOPICS.

Current topics in public health as they relate to local, national, and global issues. Topics may include those in the areas of health promotion and prevention, environmental health, health communication, nutrition, gerontology, industrial hygiene, epidemiology, biostatistics, and health policy.

Non-traditional format: Site visits to local institutions may be included. The CDC, Department of Health, area hospitals and clinics, and local employers are some examples of the trips we might take. Transportation will be provided.

Offered summer semester every year.

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**(PBHL)(JRMC)SPCM 8165. Public Health Communication.** 3 hours.

Oasis Title: PUB HEALTH COMM.

The theory, research, and skills necessary to design and implement health communication interventions. Students will learn how to select objectives, how to segment and analyze audiences, how to use formative research techniques, how to design effective messages using behavior change and communication theories, how to select appropriate channels, how to implement interventions, and how to evaluate them.

Offered every year.

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**PBHL 8200. Seminar in Public Health.** 1 hour. Repeatable for maximum 4 hours credit.

Oasis Title: SEM PUBLIC HEALTH.

Invited speaker seminar series to expose graduate students in the College of Public Health to the full range of public health disciplines, approaches, and institutions.

Offered fall and spring semesters every year.

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**(PBHL)(BHSI)(IDIS)MIBO 8260. Global Perspectives on Tropical and Emerging Infectious Diseases.** 1 hour.

Oasis Title: GLOBAL INF DIS.

Global status, epidemiology and control of parasitic, viral, and bacterial diseases of major public health importance. Emphasis will be on the scientific, policy, and economic aspects of past, current, and future public health approaches to deal with these globally challenging infectious diseases from multiple and integrative perspectives.

Offered summer semester every even-numbered year.

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