COURSE REQUIREMENTS
The Department of Epidemiology structures the academic program around core methods courses and required concepts designed to aid the public health / epidemiology professional. Departmental degree candidates are required to take the courses listed below for credit and letter grade and must maintain a minimum overall grade point average of 3.0 in these courses. One grade of C will be permitted; two grades of C or one grade of D or F will result in probationary review by the Departmental Admissions and Credentials Committee.

Students pursuing the MHS, ScM, PhD, or ScD degrees should register for at least 16 credit hours for each term (first through fourth) for the first year of their program, in order to fulfill their residency requirement. The Department of Epidemiology requires two full years (8 terms) of full-time commitment to the Department for PhD and ScD candidates. After completing the residency, students must maintain full-time registration (16 credits per term) unless granted waiver of this requirement by the Department. Students are encouraged to explore all of the formats for courses (online, Institutes, in-class, and independent study) as well as course offerings throughout the school and university.

Students who enter the Department without a health background or a strong background in human biology are required to take courses to address this gap. These courses may include biochemistry, cell biology, physiology, and pathology. A program of study should be designed that builds a biologic foundation appropriate to the student’s career plans. All planned course work should be reviewed by the advisor. Students should discuss their academic preparation with their advisor and make their course selections accordingly.

In addition, all students and faculty are expected to attend Departmental Seminars held weekly throughout the year. Students may earn credit for the time commitment for the seminars through 340.860 Current Topics in Epidemiologic Research. The department offers journal clubs and research - in - progress meetings on various topics related to current research in the field. Students are expected to participate in these meetings, as well. Meetings are held weekly, bi-weekly, or monthly and are posted online.

One note about the Epidemiologic Methods and the Professional Epidemiology tracks of courses: The Epidemiologic Methods Track is the core methods sequence required for first year students in the MHS, ScM, PhD, and ScD programs within the Department as well as MPH students in the Concentration in Epidemiological & Biostatistical Methods for Public Health & Clinical Research, and other master’s and doctoral students who will be conducting epidemiologic or clinical research. Graduates will have a strong understanding of epidemiologic inference and multi-level modeling, be able to design and analyze epidemiologic studies, and effectively interpret and report results from such studies. Departmental students interested in the application of epidemiology to public policy and practice will be encouraged to follow the Methods track with the Professional Epidemiology track courses.

The Professional Epidemiology Track offers a more applied focus within the rigorous focus of Methodologic training in Epidemiology as suggested by the CEPH guidelines for professionals in the field. Coursework includes Observational Epidemiology and Public Health Surveillance.
BASIC CORE CURRICULUM

Four-Course Sequence in Epidemiologic Methods

- 340.751 Epidemiologic Methods 1 (5)
- 340.752 Epidemiologic Methods 2 (5)
- 340.753 Epidemiologic Methods 3 (5)
- 340.754 Methodologic Challenges in Epidemiologic Research (5)*
  *MHS, ScM & DrPH optional, but recommended

One of the Four-Course Sequences in Biostatistics (Lecture and Lab)

- 140.621 Stats Methods Public Health I (4)
- 140.622 Stats Methods Public Health II (4)
- 140.623 Stats Methods Public Health III (4)
- 140.624 Stats Methods Public Health IV (4)
  OR
- 140.651 Methods in Biostatistics I (4)
- 140.652 Methods in Biostatistics II (4)
- 140.653 Methods in Biostatistics III (4)
- 140.654 Methods in Biostatistics IV (4)
  (PhD and ScD students are encouraged to complete the 650 series during their program.)

One Introductory Survey Course

All students must complete one overview / survey course for a minimum of 3 credits outside of their Area of Concentration (AOC) from these approved courses:

- 340.731 Principles of Genetic Epidemiology I (4cr. 1st term)
- 340.624 Etiology, Prev. & Control of Cancer; (4 cr. 2nd term)
- 340.627 Epidemiology of Infectious Diseases; (4 cr. 2nd term, Summer Inst., Internet)
- 340.616 Epidemiology of Aging (3 cr. 2nd term)
- 330.603 Psychiatric Epidemiology (3 cr. 2nd term, Internet)
- 340.666 Foundations of Social Epidemiology (3 cr. 2nd term, offered in alternate years)
- 340.645 Introduction to Clinical Trials (3 cr. 2nd term, Internet)
- 340.607 Introduction to Cardiovascular Disease Epidemiology (4 cr. 3rd term)

340.680 Environmental and Occupational Epidemiology (4 cr. 4th term)
380.664 Reproductive and Perinatal Epidemiology (4 cr. 4th term)

Additional courses may be substituted or added to this list upon petition to the Curriculum Committee.

Friday Seminars / Current Topics in Epidemiologic Research

Designed to provide immediate examples of epidemiologic methods in research settings, the seminars given by faculty, doctoral students, and visiting scholars provide students the opportunity to discuss the application of the methods applied directly in research settings.

Masters students (MHS and ScM) must take 4 terms and doctoral students (PhD, ScD, DrPH (full-time)) must take 8 terms of this course during their enrollment. Part-time DrPH, students, special students, post-doctoral fellows, and MPH students are encouraged to take 4 terms of “Current Topics” as well.

340.860 Current Topics in Epidemiologic Research (1)
  4 terms for MHS, ScM, and DrPH part-time
  8 terms for PhD, ScD, and DrPH full-time

Additional Doctoral Requirements:
(Required year 2 for PhD and ScD students; highly recommended for DrPH students)

- 340.863 Doctoral Seminar in Epidemiology (3 cr) (1st – 3rd terms)
  AND
SCHOOL-WIDE REQUIREMENTS

Academic Ethics:
All students enrolled at the Johns Hopkins Bloomberg School of Public Health must take this course during their first term of enrollment. You are automatically registered for this course and must successfully complete the modules before continuing registration to subsequent terms.

550.860.82 Academic and Research Ethics (0)

Public Health Perspectives in Research:
All degree seeking students are required to take Public Health Perspectives in Research (550.865). This is waived if the student holds an MPH degree from an accredited program and completed the degree within 10 years of matriculating into the current program. Waiver requests should be directed to the Associate Senior Dean for Academic Affairs.

Introduction to Online Learning must be completed prior to starting the course.

550.865.81 Public Health Perspectives in Research (2) (2nd term)

Responsible Conduct of Research Requirements:

Students conducting human subjects and academic research (i.e. PhD / ScD seeking students and those supported on training grants outlined in the full documentation that follows.) are required to complete ethics training. These two courses are the only in-person ethics courses that satisfy the NIH (and other funding agencies) requirements for ethics training in a classroom setting. One of these courses must be repeated for each new degree or non-degree program sought and once every four years. Please see the full documentation that follows for details and contact information for questions and waivers.

550.600.01 Responsible Conduct of Research (1) (1st term)

OR

306.665.01 Research Ethics and Integrity: US and International Issues (3) (3rd term)

FULL DOCUMENTATION ON RESEARCH POLICY FROM DR. JANET DIPIETRO AS OF AUGUST 2013:

Responsible Conduct of Research (RCR) Training Requirement for Students

Responsible Conduct of Research (RCR) connotes a broad range of career development topics that goes beyond the more narrowly focused “research ethics” and includes issues such as conflict of interest, authorship responsibilities, research misconduct, animal use and care, and human subjects research. RCR training requirements for JHSPH students are based on two circumstances: their degree program and their source of funding, which may overlap.

1. All PhD students are required to take one of two courses in Responsible Conduct of Research, detailed below one time, in any year, during their doctoral studies.

2. All students, regardless of degree program, who receive funding from one of the federal grant mechanisms outlined in the NIH notice below must take one of the two courses listed below to satisfy the 8 in-person hours of training in specific topic areas specified by NIH (e.g., conflict of interest, authorship, research misconduct, human and animal subject ethics, etc).

NIH Notice NOT-OD-10-019 Requirement for Training in the Responsible Conduct of Research (RCR)

NIH requires that all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award (individual or institutional), research education grant, and dissertation research grant must receive instruction in responsible conduct of research. This policy took effect with all new and renewal applications submitted on or after January 25, 2010, and for all continuation (Type 5) applications submitted on or after January 1, 2011. This applies to the following programs: D43, D71, F05, F30, F31, F32, F33, F34, F37, F38, K01, K02, K05, K07, K08, K12, K18, K22, K23, K24, K25, K26, K30, K99/R00, KL1, KL2, R36, T15, T32, T34, T35, T36, T37, T90/R90, TL1, T1U2, and U2R. This policy also applies to any other NIH-funded programs supporting research training, career development, or research education that require instruction in responsible conduct of research as stated in the relevant funding opportunity announcements.

→ Note: this regulation does not apply to students, faculty or postdocs funded on other award types that do not include an RCR training requirement, such as R01s or R21s – it is limited to training programs enumerated above.
COURSE REQUIREMENTS

The two courses that satisfy either requirement are:

1. 550.600 Responsible Conduct of Research [1 credit, Krag]. Once per week, 1st term. This course is specifically designed to focus broadly on RCR issues and is appropriate for all students regardless of discipline or research focus. Course topics include: conflict of interest – personal, professional, and financial; policies regarding human subjects, live vertebrate animals in research, and safe laboratory practices; mentor/mentee responsibilities and relationships; collaborative research including collaborations with industry; peer review; data acquisition and laboratory tools – management, sharing and ownership; research misconduct and policies for handling misconduct; responsible authorship and publication; the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research. The course structure is a combination of lecture, numerous case studies, and class discussion. Attendance is required and there is a take home exam.

2. 306.665 Research Ethics and Integrity [3 credits, Kass]. Twice per week, 3rd term. This course has a stronger emphasis on human subjects research than the above course. Course topics will include: ethical principles, informed consent, research ethics guidelines and codes, community engagement, research with children, IRBs, ethical issues in study design, human rights and research ethics, ethics and clinical research, ethics and environmental health research, international research ethics, ethics and quality improvement research, conflict of interest, authorship, responsible conduct of research, academic integrity, and research with animals. Class sessions include lecture, discussion, and small group analysis of real cases. Assignments include drafting a consent form, analyzing an ethics case, and either a final exam or paper.

Registration in either course is recorded on the student’s transcript and serves as documentation of completion of the requirement.

Additional comments:

1. If a non-PhD or postdoctoral student is unsure whether or not their source of funding requires in person RCR training, they or the PI should contact the project officer for the award.

2. Students who have conflicts that make it impossible for them to take either course can attend a similar course offered by Sharon Krag at Homewood during several intensive sessions (sequential full days or half days) that meet either on weekends in October or April, a week in June, or intersessions in January. Permission is required. The request should be submitted to Elizabeth Peterson (epeterso@jhsph.edu) and can provide details on dates and times.

3. Students who may have taken the REWards course (Research Ethics Workshops About Responsibilities and Duties of Scientists) in the SOM can request that this serve as a replacement, as long as they can provide documentation of at least 8 in person contact hours.

4. Students who are in the final year or two of a doctoral program and who cannot comply with the requirement because they are not on campus can request a waiver of the requirement. Waivers will not be permitted after the 2012-2013 academic year. The request should be submitted to Marla Hallacy (mhallacy@jhsph.edu) who will evaluate the request and supply completion information to the registrar.

5. Postdoctoral students are permitted to enroll in either course but JHSPH does not require them to take RCR training. However, terms of their funding might require RCR training and it is their obligation to fulfill the requirement.

6. The required Academic Ethics module is independent of the RCR training requirement. It is a standalone module which must be completed by all students at the Bloomberg School of Public Health. This module covers topics associated with maintaining academic integrity, including: plagiarism, proper citations, and cheating.

Academic and Research Ethics Requirements 2013
NEW MATRICULANTS STARTING 2013-2014

<table>
<thead>
<tr>
<th>Degree Program</th>
<th>Online* Academic and Research Ethics course 550.860.82 (ARE)</th>
<th>In-Person Responsible Conduct of Research (RCR) course 550.600.01 or 306.665.01 Required before prelims</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD/ScD</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Masters and DrPH</td>
<td>X</td>
<td><strong>Only if on training grant.</strong></td>
</tr>
<tr>
<td>Post Docs</td>
<td>X</td>
<td><strong>Only if on training grant.</strong></td>
</tr>
<tr>
<td>Non Degree Students</td>
<td>X</td>
<td>Not required</td>
</tr>
</tbody>
</table>

* Continuing Doctoral Students: will be required to complete 550.860 prior to their preliminary exam. Those not enrolled at the time the exam is scheduled will be enrolled immediately.

** For Masters, DrPH, and Post Docs: This applies only to the following programs: D43, D71, F05, F30, F31, F32, F33, F34, F37, F38, K01, K02, K05, K07, K08, K12, K18, K22, K23, K24, K25, K26, K30, K99/R00, KL1, KL2, R36, T15, T32, T34, T35, T36, T37, T90/R90, TL1, TU2, and U2R.

FULL DOCUMENTATION ON ACADEMIC & RESEARCH ETHICS COURSE:
BY DR. JANET DIPETRO AS OF JUNE 6, 2013.
In the past, the on-line course titled “Research Ethics” (550.860.82) included three modules: academic ethics; research ethics; and human subjects training (through CITI). Most, but not all, degrees required its completion; the inclusion of the human subjects training module was not always considered relevant. However, students who conduct human subjects research needed to take the CITI course before receiving IRB approval anyway. The academic ethics module was required by all students outside of this course. Thus, the structure of this course caused a fair bit of confusion.

As a result, we have decided to streamline things to make it easier. We have:

- Renamed the course to: Academic and Research Ethics at JHSPH
- Retained the same course number
- Removed the CITI training portion
- Changed it from a 1 credit course to a no credit course but it remains Pass/Fail
- Changed instructor from Janet DiPietro to Terry Brown

This revised course is now required for ALL students in the first term in which they are registered. Responsible academic and research conduct is a key element of graduate education and necessary to the School’s mission. Students at JHSPH are expected to adhere to the highest responsible conduct in both academic and research settings. Enrollment in this course upon matriculation to the School reinforces the importance of these core values.

INTERNET-BASED COURSES:

The Distance Education course schedule is available online at http://distance.jhsph.edu. All students interested in taking online courses must complete the module, Introduction to Online Learning, prior to enrollment in any online course.

INDEPENDENT STUDY OR RESEARCH

340.820: THESIS RESEARCH
340.840: SPECIAL STUDIES AND RESEARCH

Students may register for Thesis Research or Special Studies and Research either with their advisor or with any other faculty member in the Department as preceptor. Occasionally, a new course may be presented on a pilot basis under the Epidemiology 841 listing. In addition, students with a common interest may work with a faculty member to develop a specific Epidemiology 840 tutorial to a group.

Students should register for 340.840 Special Studies and Research if they have not yet successfully completed their school-wide preliminary oral exam or if they are conducting independent research unrelated to their thesis topic.

Thesis Research 340.820 is restricted to use by second year masters students or doctoral students who have successfully passed the School-wide Preliminary Oral Exam and who are currently working on research or data collection directly related to their dissertation.

Thesis Research or Special Studies and Research are graded on a pass/fail basis except in the case of seminar courses and other group activities that the instructor may deem suitable for assignment of grades.

REGISTRATION FOR PASS/FAIL OPTION

Students in the Department of Epidemiology may take course for pass/fail as long as the course is not required by their area of concentration nor is a core course in the Department of Epidemiology.

Students at the School may elect to take courses on a Pass/Fail basis only with the consent of their academic advisor. Students who must submit grades to employers, to funding agencies, or to other academic programs should also consult the appropriate offices before electing the pass/fail option. Instructors are expected to evaluate student performance without regard to grading status and to give students appropriate feedback regarding their performance throughout the term. A grade of P will be recorded on the official grade roster for those students who have elected the pass/fail option and whose performance would otherwise be rated as A, B, or C.

The following required courses have been approved for pass/fail registration on a case-by-case basis in the past. Students seeking pass / fail for these courses must obtain permission from their advisor and area of concentration director prior to electing this status:
COURSE REQUIREMENTS

260.611-612 Principles of Immunology (required for Infectious Disease Epid.)

120.615 Molecular Biology of Carcinogenesis (required for Cancer Epid.)

TUTORS

Students requiring tutors in any course should contact the course coordinator or the Epidemiology Student Organization. Teaching Assistants may not be hired as tutors for the same course which they are serving as a TA.

COURSE COORDINATORS

The Academic Support Core Staff are located in W6508 and support all of the courses offered by the Department of Epidemiology. Staff can be reached at 410-955-9289.

INTERDIVISIONAL COURSES / REGISTRATION

Catalogs and course offerings may be obtained from the respective registrars’ offices of the University Schools as listed below. Courses (except as required by the program areas) may be taken pass/fail as well as for grade and should be taken after completion of the departmental course requirements.

CERTIFICATE PROGRAMS

Certificate programs are focused academic training programs designed to appeal to students seeking targeted education in a specific area of public health. Educational objectives, admissions requirements, courses of study, and other information is provided for each certificate program online: http://commprojects.jhsphs.edu/academics/Certificate.cfm

JOURNAL CLUBS / RESEARCH IN PROGRESS MEETINGS / SEMINAR SERIES:

The Areas of Concentration sponsor Journal Clubs and Research in Progress Meetings as a venue for dialog on current research topics between and among faculty and students. In general, the format is based on student (or faculty) volunteers presenting and facilitating discussion of a newly published epidemiologic study or as a forum for discussion of proposed and on-going research in the area.

The Journal Clubs benefit students in a number of ways: as preparation for the comprehensive exams, as experience in public speaking, in exposure to current research, in learning critical thinking and logic related to the scientific method, and in providing opportunities for students and faculty to interact.

Seminars are open to the entire Hopkins Community. First-Year students should plan to attend the Journal Club for their Area of Concentration in addition to any of general interest.

E-RESERVES:

http://eres.welch.jhmi.edu/eres/courseindex.aspx?page=instr will have the articles for each journal club (if identified) posted and accessible: the course name and pass code are both epijournalclub.

Cancer Epidemiology, Prevention, & Control Journal Club
Faculty Coordinator: Dr. Elizabeth Platz
Staff contact: Debbie Morgan-Meadows demorgan@jhsphs.edu
Fourth Mondays at 12:15 PM

Cancer Epidemiology, Prevention, & Control Research-in-Progress
Faculty Coordinator: Dr. Elizabeth Platz
Staff contact: Debbie Morgan-Meadows demorgan@jhsphs.edu
Second Tuesdays at 12:15 PM

Center for Clinical Trials Journal Club
Faculty Coordinators: Drs. Roberta Scherer & Ann Ervin
Third Thursdays at 12:15 PM

Center for Clinical Trials Research-in-Progress
Faculty Coordinators: Dr. Curt Meinert & Ms. Susan Tonascia
Staff Contact: Ms. Betty Collison bcolliso@jhsphs.edu
Day / time: as requested by student presenters
COURSE REQUIREMENTS

Center for Clinical Trials Seminar Series
Faculty Coordinator: Dr. Kay Dickersin
c/o Ms. Tracie Wyman twyman@jhsph.edu
First Wednesdays at 8:30 AM - 9:30 AM

Journal Club of Environmental Epidemiology (with Environmental Health Sciences)
Faculty Coordinators: Drs. Ana Navas-Acien & Eliseo Guallar
Student Coordinator: Alison Singer
C/o Ms. Tracie Wyman twyman@jhsph.edu
First Wednesdays at 8:30 AM - 9:30 AM

Epidemiology of Aging Journal Club
Staff Coordinator: Brian Buta
C/o Ms. Tracie Wyman twyman@jhsph.edu
Second and Fourth Mondays at 12:15 PM

Epidemiology and Biostatistics of Aging Research-in-Progress
Faculty Coordinator: Dr. Karen Bandeen-Roche
Staff Coordinator: Brian Buta
C/o Ms. Tracie Wyman twyman@jhsph.edu
Second and Fourth Mondays at 3:30 PM - 4:30 PM; large conference room
Center on Aging and Health; Suite 2-700;
2024 E Monument St
Day / Time: TBA

Center for Drug Safety and Effectiveness
Faculty Coordinator: Dr. Caleb Alexander & Jodi Segal
Fourth Mondays at 12 - 1 PM

General Epidemiology and Methodology Journal Club
Faculty Coordinator: Dr. Lisa Jacobson
Second Tuesdays at 12:15 PM

STATEPI Research-in-Progress
Faculty Coordinator: Dr. Alvaro Muñoz
Staff Contact: Judy Konig
C/o Ms. Tracie Wyman twyman@jhsph.edu
Second Tuesdays at 10 AM – 12 noon (subject to change)

http://statepi.jhsph.edu/

General Epidemiology Research-in-Progress
Faculty Coordinator: Dr. Li-Ching Lee
First Mondays at 12:15 PM

Genetic Epidemiology Journal Club and Research in Progress
Faculty Coordinators: Drs. Robert Wojciechowski & Linda Kao
Student Coordinator: Tracie Wyman
twyman@jhsph.edu
Second and Fourth Mondays at 12:15 PM

Genetic Epidemiology Seminar Series
Faculty Coordinators: Dr. Priya Duggal
Student Coordinator: Tracie Wyman
twyman@jhsph.edu
Second Mondays at 12 PM

Infectious Diseases Journal Club
Faculty Coordinator: Dr. William Moss
Drs. Caleb Alexander & Jodi Segal
wmoss@jhsph.edu(sbaral@jhsph.edu)
Student Coordinators: Rebecca Pierce
rpiers@jhsph.edu & Shaun Truelove
struelov@jhsph.edu
Fourth Mondays at 12:15 PM

Infectious Diseases Research-in-Progress
Faculty Coordinator: Dr. Shruti Mehta
shmehta@jhsph.edu
Student Coordinator: Kathryn Risher
krisher@jhsph.edu
Second Mondays at 12:15 PM

Center for Autism and Developmental Disabilities Epidemiology Journal Club
Faculty Coordinator: Dr. Dani Fallin
Third Tuesdays at 12:15 PM

Social Epidemiology Journal Club
Faculty Coordinator: Dr. Tom Glass
Fourth Tuesdays at 12:15 PM

ACADEMIC GUIDE 2013-2014
WELCH CENTER ACTIVITIES

(Welch Center is located at 2024 E Monument St)

Welch Center Research Seminar (Journal Club)

Course number 340.871 Masters and doctoral students in the clinical epidemiology and cardiovascular epidemiology concentrations are required to complete a minimum of two terms.

Faculty Coordinator: Dr. Elizabeth Selvin
Staff Contact: Ms. Mary Cay Reynolds mreyno13@jhu.edu 410-502-2384
Student Contact: Laura Cobb lkcobb@jhsph.edu

Tuesdays, September - May at 12 PM in Whelton Room 2-603, Welch Ctr

Developing Research Skills & Research-in-Progress

Masters and doctoral students in the clinical epidemiology and cardiovascular epidemiology concentrations are required to attend. PhD students in the Cardiovascular and Clinical Epidemiology Areas of Concentration are required to present their dissertation proposals at this seminar before their Departmental Oral Examination.

Faculty Coordinators: Drs. Wendy Bennett, Rosa Crum, Raquel Charles
2nd and 4th Mondays @ 12:15 PM in Powe Conference Room 1-500Q, Welch Center
(Note change due to the Labor Day Holiday: Seminars will be held on Monday, September 16th and Monday, September 30th)

Clinical Research Grand Rounds at the Welch Center

Open to all students, trainees, and faculty

Faculty Coordinators: Core Welch Center Faculty Members
Staff Contact: Ms. Mary Cay Reynolds mreyno13@jhu.edu 410-502-2384

Wednesdays, September - May, at 12 PM in Powe Conference Room 1-500Q, Welch Center
http://www.jhsp.edu/research/centers-and-institutes/welch-center-for-prevention-epidemiology-and-clinical-research/calendar/

Diabetes and Obesity Interest Group (Journal Club)

Faculty Coordinator: Drs. Sherita Golden, Jessica Yeh & Mariana Lazo
Staff Contact: tbd
Wednesdays at 9 AM - 10 AM in Whelton Conference Room 2-603, Welch Center

Hopkins Health Disparities Monthly Seminar Series

A joint collaboration by four Disparities Centers and open to the Hopkins Community
Faculty Coordinators: Drs. Lisa Cooper & Sherita Golden
Staff Contact: Ms. Joy Mays jmays1@jhmi.edu 410-614-2412
Second Mondays at 12 – 1 PM Room TBA

Methods & Ideas in Cardiovascular Epidemiology (MICE) Seminar

Faculty Coordinators: Drs. Josef Coresh & Elizabeth Selvin
Staff Contact: Ms. Shevez Streat sstreat2@jhu.edu 410-955-0495
First and third Fridays at 10 AM – 11 AM in Whelton Room, 2-603, Welch Center

Renal Disease Interest Group

Faculty Coordinators: Drs. Bernard Jaar & Steve Sozio
Staff Contact: Ms. Patricia Bayton pbayton@jhsph.edu 410-614-3994
Second and fourth Wednesdays at 4 PM – 5 PM in Whelton Room, 2-603, Welch Center
NON-EPIDEMIOLOGY SPONSORED JOURNAL CLUBS

These clubs are of great interest to our faculty and students and are included as a service to you.

**AMBER (Application and Methods of Bayesian Statistics in Epidemiologic Research)**
Student Assembly (Epidemiology and Biostatistics)
Faculty Coordinator: Dr. Gary Rosner
Student Coordinator: **tbn**
Second and Fourth Fridays at 3 PM

**Longrifles Session (Sidney Kimmel Comprehensive Cancer Center)**
Quarterly (3 hour) sessions with Howard University, Univ. Maryland, and the Johns Hopkins Community
Faculty Coordinator: Dr. Norma Kanarak
Day / time: **TBA**

**LunchLearnLink: Cancer Prevention & Control Seminar**
(ftp://cpc.onc.jhmi.edu)
Second and fourth Thursdays at 12 PM

**MOST-DEF (Modeling of Spacio-Temporal Diseases, Epidemiology Forum)**
Student Assembly (Epidemiology and Biostatistics)
Faculty Coordinators: Drs. Derek Cummings & Justin Lessler
Student Coordinators: Ben Althouse, balthouse@jhsph.edu
Andrew Azman, aazman@jhsph.edu
Day / time: **TBA**

**Risk Sciences and Public Policy Seminar Series**
Faculty Coordinator: Dr. Thomas Burke
Staff Contact: Roberta Dranbauer, rdranbau@jhsph.edu
Once per term: **TBA**

**Sexually Transmitted Infections Journal Club**
Sponsored by the Department of Population, Family and Reproductive Health

Faculty Coordinator: Drs. Susan Sherman & Jacky Jennings
Second Thursdays at 5 PM October - May

**Tropical Medicine Dinner Club**
Sponsored by Molecular Microbiology and Immunology and open to the Community at large
Faculty Coordinators: Drs. Clive Shiff & Doug Norris
Staff Contact: Maryann Smith, mksmith@jhsph.edu
First Wednesdays October - May at 6:30 PM at the Johns Hopkins University Club
[Reservations requested through Maryann Smith; cost: undergrads, masters and pre-doctoral students pay $10, Fellows/Residents pay $15, and Faculty members pay $20 per dinner]
http://jhmmi.jhsph.edu/tmdc/FrameForm.cfm
# SAMPLE CURRICULA FOR DEGREE PROGRAMS

First year and second year SAMPLE curriculum by degree programs:
Doctor of Philosophy and Doctor of Science

<table>
<thead>
<tr>
<th>First Year: minimum 16 credits each term</th>
<th>Second Year: minimum 16 cr. per term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST TERM (September &amp; October)</strong></td>
<td><strong>FIRST TERM (September &amp; October)</strong></td>
</tr>
<tr>
<td>340.751 Epidemiologic Methods 1 (5)</td>
<td>340.863 Doctoral Seminar in Epidemiology (3)</td>
</tr>
<tr>
<td>*140.651 Methods in Biostatistics I (4)</td>
<td>340.728 Advanced Methods in Cohort Studies (4) (recommended, not required)</td>
</tr>
<tr>
<td>550.860 Academic &amp; Research Ethics (0)</td>
<td>340.840 Special Studies and Research (1 - 13 credits with advisor)</td>
</tr>
<tr>
<td>550.600 Responsible Conduct of Research (1)</td>
<td>340.860 Current Topics in Epi Res (1)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 credit with advisor)</td>
<td>Area of concentration requirements</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1)</td>
<td>Area of concentration requirements</td>
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<tr>
<td>*** ONE-TWO electives</td>
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<table>
<thead>
<tr>
<th><strong>SECOND TERM (November &amp; December)</strong></th>
<th><strong>SECOND TERM (November &amp; December)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>340.752 Epidemiologic Methods 2 (5)</td>
<td>340.863 Doctoral Seminar in Epidemiology (3)</td>
</tr>
<tr>
<td>*140.652 Methods in Biostatistics II (4)</td>
<td>340.717 Health Survey Research Methods (4) (recommended, not required)</td>
</tr>
<tr>
<td>550.865 Public Health Perspectives in Research (1)</td>
<td>340.840 Special Studies and Research (1 - 13 credits with advisor)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 credit with advisor)</td>
<td>340.860 Current Topics in Epi Res (1)</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1)</td>
<td>Area of concentration requirements</td>
</tr>
<tr>
<td>*** ONE-TWO electives</td>
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<table>
<thead>
<tr>
<th><strong>THIRD TERM (January - March)</strong></th>
<th><strong>THIRD TERM (February &amp; March)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>340.753 Epidemiologic Methods 3 (5)</td>
<td>340.863 Doctoral Seminar in Epidemiology (3)</td>
</tr>
<tr>
<td>*140.653 Methods in Biostatistics III (4)</td>
<td>340.606 Systematic Reviews and Meta-Analysis (6) (recommended, not required)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 credit with advisor)</td>
<td>340.840 Special Studies and Research (1 - 13 credits with advisor)</td>
</tr>
<tr>
<td>*** ONE - TWO electives</td>
<td>340.860 Current Topics in Epi Res (1)</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1)</td>
<td>Area of concentration requirements</td>
</tr>
<tr>
<td>306.665 Research Ethics and Integrity (3)</td>
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<table>
<thead>
<tr>
<th><strong>FOURTH TERM (March - May)</strong></th>
<th><strong>FOURTH TERM (March - May)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>340.754 Methodologic Challenges in Epidemiologic Research (5)</td>
<td>340.715 Problems in the Design of Epidemiologic Studies (6)</td>
</tr>
<tr>
<td>*140.654 Methods in Biostatistics IV (4)</td>
<td>340.840 Special Studies and Research (1 - 13 credits with advisor)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 credit with advisor)</td>
<td>340.860 Current Topics in Epi Res (1)</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1)</td>
<td>Area of concentration requirements</td>
</tr>
<tr>
<td>*** ONE - TWO electives</td>
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</tbody>
</table>
First year and second year SAMPLE curriculum for the Doctor of Public Health (Full-time) Program. (Part-time students will need to adjust their schedule as appropriate.)

<table>
<thead>
<tr>
<th>First Year: minimum 16 credits each term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST TERM (September &amp; October)</strong></td>
</tr>
<tr>
<td>340.751 Epidemiologic Methods 1 (5)</td>
</tr>
<tr>
<td>*140.651 Methods in Biostatistics I (4)</td>
</tr>
<tr>
<td>550.860 Academic &amp; Research Ethics (0)</td>
</tr>
<tr>
<td>550.873 Leadership Public Health Practice (1)</td>
</tr>
<tr>
<td>300.711 Health Policy I: Social and Economic Determinants of Health (3)*</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1) ***</td>
</tr>
<tr>
<td><strong>SECOND TERM (November &amp; December)</strong></td>
</tr>
<tr>
<td>340.752 Epidemiologic Methods 2 (5)</td>
</tr>
<tr>
<td>*140.652 Methods in Biostatistics II (4)</td>
</tr>
<tr>
<td>550.873 Leadership Public Health Practice (1)</td>
</tr>
<tr>
<td>551.603 Fundamentals of Budgeting etc (3)*</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1) ***</td>
</tr>
<tr>
<td><strong>THIRD TERM (January - March)</strong></td>
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<td>340.753 Epidemiologic Methods 3 (5)</td>
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<td>550.873 Leadership Public Health Practice (1)</td>
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<tr>
<td>306.665 Research Ethics and Integrity (3)</td>
</tr>
<tr>
<td>306.650 Public Health and the Law (3)*</td>
</tr>
<tr>
<td>340.860 Current Topics in Epi Res (1) ***</td>
</tr>
<tr>
<td><strong>FOURTH TERM (March - May)</strong></td>
</tr>
<tr>
<td>340.754 Methodologic Challenges in Epidemiologic Research (5) (optional)</td>
</tr>
<tr>
<td>*140.654 Methods in Biostatistics IV (4)</td>
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<td>550.873 Leadership Public Health Practice (1)</td>
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<table>
<thead>
<tr>
<th>Second Year: minimum 16 credits each term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST TERM (September &amp; October)</strong></td>
</tr>
<tr>
<td>340.863 Doctoral Seminars (2-3) (highly recommended)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 - 12 credits with advisor)</td>
</tr>
<tr>
<td><strong>SECOND TERM (November &amp; December)</strong></td>
</tr>
<tr>
<td>340.863 Doctoral Seminars (2-3) (highly recommended)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 - 12 credits with advisor)</td>
</tr>
<tr>
<td><strong>THIRD TERM (February &amp; March)</strong></td>
</tr>
<tr>
<td>340.769 Professional Epid Methods (4)</td>
</tr>
<tr>
<td>340.863 Doctoral Seminars (2 - 3) (highly recommended)</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 - 12 credits with advisor)</td>
</tr>
<tr>
<td><strong>FOURTH TERM (March - May)</strong></td>
</tr>
<tr>
<td>+340.715 Problems in the Design of Epidemiologic Studies (4)</td>
</tr>
<tr>
<td>340.770 Public Health Surveillance</td>
</tr>
<tr>
<td>340.840 Special Studies and Research (1 - 12 credits with advisor)</td>
</tr>
</tbody>
</table>

* = DrPH electives. Please see the DrPH program assistant and the website for full listings of requirements: [http://www.jhsph.edu/academics/degreeprograms/drph/curriculum/](http://www.jhsph.edu/academics/degreeprograms/drph/curriculum/)
<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epidemiologic Methods 1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Statistical Methods in Public Health I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic &amp; Research Ethics</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Responsible Conduct of Research</td>
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<tr>
<td>Current Topics in Epi Res</td>
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</tr>
<tr>
<td>Special Studies and Research</td>
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<td>(1 credit with advisor)</td>
</tr>
<tr>
<td>Electives</td>
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**Second Year: Minimum 16 credits per term**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis Research</td>
<td>1 - 16</td>
<td>(1 - 16 credits with advisor)</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
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**First Year: Minimum 16 credits per term**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epidemiologic Methods 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Statistical Methods in Public Health II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health Perspectives in Research</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Current Topics in Epi Res</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Special Studies and Research</td>
<td>1</td>
<td>(1 credit with advisor)</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
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</tbody>
</table>

**Second Term (November & December)**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis Research</td>
<td>1 - 16</td>
<td>(1 - 16 credits with advisor)</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
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</table>

**Third Term (January - March)**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Epid Methods</td>
<td>4</td>
<td>(recommended, not required)</td>
</tr>
<tr>
<td>Thesis Studies and Research</td>
<td>1 - 16</td>
<td>(1 - 16 credits with advisor)</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fourth Term (March - May)**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis Research</td>
<td>1 - 16</td>
<td>(1 - 16 credits with advisor)</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Each of the changes / requests below should be made in a written letter (not email) by the student briefly explaining the situation and request. The student should include space for the current advisor’s endorsement and obtain the advisor’s signature. Requests are reviewed by the Admissions & Credentials Committee and are submitted to W6503 for processing.

CHANGE OF ADVISOR

“Upon admission to the program, students are assigned an academic advisor based on students' interests and faculty availability. This academic advisor is a full-time faculty member with a primary appointment in Epidemiology. The advisor helps the student navigate their new academic surroundings and works with the student in choosing appropriate coursework during the first 2 years of the program. The academic advisor is the Registrar's 'advisor of record' and certifies that each step of the degree program is met.

An important part of the doctoral program is establishing academic mentorship. As you develop more specific research interests and begin to formulate ideas for a dissertation, it is important to identify a faculty member who will serve as a thesis advisor. This faculty member may or may not be the academic advisor and may hold a primary appointment outside of the Department. Students may elect to switch academic advisors during the course of their program. Alternatively, the student may elect to keep their assigned academic advisor as 'advisor of record' and have their thesis advisor and/or other faculty members officially acknowledged as 'co-advisors.'

Requests for changing advisors should be directed to the Academic Coordinator and require the approval of the Admissions and Credentials Committee.

COURSE WAIVERS

A student with prior pertinent training may request that specific courses be waived by the Department upon enrollment. Each individual course proposed for waiver must first be approved by the student's advisor and the primary course instructor (if the course is offered by the Department) prior to consideration by the Departmental Admissions and Credentials Committee. Instructor permission is not required for courses offered by departments other than Epidemiology for Epidemiology degree candidates. Epidemiology degree students may not waive 340.751 – 754 of one of the Biostatistics sequences.

HORIZONTAL TRANSFERS:

Transfers from one master's program to another, except to the Master of Public Health (MPH) program, or from one doctoral program to another, are made by written request to the Departmental Admissions and Credentials Committee by the student. Following approval by the student's advisor and the Department, the request is forwarded for consideration to the School's Committee on Academic Standards.

To transfer to the MPH Program, a student must submit a complete application (application form, resume or curriculum vitae, a statement of objectives, and one letter of reference) to the MPH Admissions Committee through the School's Admissions Office. Applicants must meet the requirements of the program as stated in the Prospectus, and submit a letter of support of the transfer from the student’s advisor and endorsed by the Department Chair.

VERTICAL TRANSFERS

The Department does not accept vertical transfer requests. Students must complete the degree program to which they are admitted (or be in the process of completing one) prior to applying to the next degree program. On very rare occasions, an application for promotion from a master's to a doctoral program, transfer requests may be submitted. The Student must have successfully completed of the first year curriculum, passed the comprehensive exam at the doctoral level, and have
originally applied to the department to a doctoral program. The student’s letter should include the degree program desired, a brief description of the student’s background and accomplishments, indicate the intended area of concentration, discuss goals in epidemiology, and provide references from two members of the School’s faculty. If the student has developed a potential thesis project, it should be described either in the letter of application or in a separate protocol attached to the letter. If the student wishes to change advisors for the doctoral program, this should also be indicated.

Comments on class performance will be sought from faculty members whose courses the student has taken. If a favorable decision is reached, the Committee will forward the request and its decision to the School’s Academic Standards Committee for review. A final confirmation would come from the School-wide committee.

The School handles requests for entrance to a doctoral program following completion of the master’s degree as new applications and requires student submission of a new application form. The Application fee is waived. Evaluation criteria include prior relevant work and / or research experience, space availability in the doctoral program, prior master’s degree held in a related field, and development of a research proposal that could be adapted to the doctoral requirements in breadth and scope. Internal applicants must meet the doctoral requirements for academic excellence and professional experience.

INTERDEPARTMENTAL TRANSFERS

Students who want to transfer between departments within the School must have their application materials reviewed in the same way as new applicants. A recommendation letter from the department from which the student is transferring is required to ensure that department is aware of the student’s plans. Once the student is admitted by the Admissions and Credentials Committee, a letter from the chair of the Admissions and Credentials Committee stating that the transfer request is approved, it is forwarded to the Registrar’s Office (Committee on Academic Standards) for school-wide approval.

ACADEMIC COORDINATORS FOR EACH PROGRAM / DEPARTMENT OF THE SCHOOL

Biochemistry and Molecular Biology
Sharon Warner W8041 / 5-3671

Biostatistics
Mary Joy Argo E3527 / 5-3067

Clinical Investigation
Cris Denardo 320 Carnegie 2-3067

Environmental Health Sciences
Nina Kulacki E7039 / 5-2212

Epidemiology
Fran Burman W6508 / 5-3926

Health Behavior and Society
Barbara Diehl 263 Hampton House 2-4415

Health Policy and Management
Mary Sewell 492 Hampton House 5-2488

International Health
Cristina Salazar E8518 / 5-3734

Mental Hygiene
Patty Scott 855 Hampton House 5-1906

Molecular Microbiology and Immunology
Gail O’Connor E5001 / 5-4232

Population, Family and Reproductive Health
Lauren Black E4039 / 4-6676

Master of Public Health
Janet Carn (full time) W1015 / 5-1291
David Earle (part time and internet) W1015 / 5-1291

Residency Programs
Chris Brown WB602 / 5-3362
COURSE REQUIREMENTS

Doctor of Public Health
Gail Miller E2614 / 2-6150

TIME STATUS CHANGES

FROM FULL-TIME TO PART-TIME:
The School requires students to be fully committed to and involved in their educational program. To that end, students must register for 16 credits each term for the duration of their program. Occasionally, students find they must make adjustments to their registration status to accommodate full-time commitments outside of school (e.g. jobs and child care). Students should be aware that any outside commitment will lengthen the time-to-completion of their degree requirements. Full-time involvement includes taking classes, participating in labs, seminars, and journal clubs, and engaging in the research of the Department.

Students who wish to drop to part-time status must obtain permission from the Department during the term prior to the one in which they will be changing status and must meet with the academic coordinator and the student financial coordinator prior to submitting a request. Doctoral students must take a minimum of 3 credits per term and masters' students must take a minimum of 2 credits per term until they have completed all degree requirements.

LEAVE – OF – ABSENCE:
Students who find they must take time-off from their studies for health or personal reasons may apply to do so by completing a leave of absence request. The form is obtained from the Registrar’s Office. An active file fee of $50 per term is assessed for each term within the leave of absence period and should be paid to the Business Office in full prior to the student’s departure.

When the student wishes to return from leave – of – absence, he / she must meet with his / her advisor and devise a timeline for completion of required work. The student must then submit a letter of petition, endorsed by the advisor, along with the timeframe for completion to the Admissions and Credentials Committee for approval prior to registration. A student may not receive a leave of absence without the approval of the Departmental Admissions and Credentials Committee and the Department Chair. When the student is ready to return from leave – of – absence, s/he must meet with his / her advisor and devise a timeline for completion of required work. The student must then submit a letter of petitioning reinstatement, endorsed by the advisor, along with the timeframe for completion to the Admissions and Credentials Committee for approval prior to registration.

DEPARTMENTAL REVIEW OF STUDENTS’ ACADEMIC PROGRESS

Each student's academic performance is reviewed each term by the Academic Program Manager, periodically by his/her advisor, and annually by Department faculty. When the academic progress of any student comes into question, a thorough review and is made by the Departmental Admissions and Credentials Committee. Students are expected to earn "A"s and "B"s in Epidemiology coursework (3.0 grade point average) and to pass written comprehensive exams at the designated level.

Any grade of “D” or "F" in a required course may constitute grounds for removal from degree candidacy. Other grounds for removal from degree candidacy are:

- Two grades of “D” or "F" or any combination thereof in elective courses; or,
- Failure to maintain a minimum cumulative GPA of 3.0.
- Failure of both parts of the comprehensive exam and
- Failure to maintain progress on dissertation research / thesis projects
- Academic or behavioral ethics violations

In such cases, after reviewing the student's performance, the Departmental Admissions
and Credentials Committee will make a recommendation to the Department Chair regarding the student's continuation in the program. Occasionally, students may be placed on academic probation within the department prior to dismissal. This time period will permit students to attempt to bring their GPA above 3.0 and attend courses for up to one year. However, students who earn a grade below B while on academic probation face review and termination from the program.

Conversely, any student whose grade point average removes them from academic probation will be notified and reported to the Admissions and Credentials Committee.

Students may choose to withdraw from the program or School at any time but should consult with their advisor and academic coordinator prior to making this decision. Please note that failure to maintain registration is considered withdrawal from the School.

Each summer, the Academic Program Manager reviews the academic transcripts of the first year students to verify completion of required courses. Students and their advisors are notified (generally with the written results of the comprehensive exam) of the courses they still need to complete. Students are encouraged to review this material with their advisors and register for any remaining coursework.