CWRU
Master of Public Health Program

2024-2025
Advising Guide

Greetings from the Program Director

Welcome to the Master of Public Health (MPH) program in the Department of Population and Quantitative Health Sciences at Case Western Reserve University School of Medicine! You are a member of a prestigious public health program that focuses on leadership and health advances in our communities. Our MPH program provides the skills and perspectives to understand and address the complex challenges of health and health equity in our diverse communities and populations. In alignment with our historic motto, we enable people to "Do Best What People Need Most". We are excited that you have joined us in this endeavor as part of this professional graduate degree program!

As we celebrate our program's Silver Anniversary this year, we reflect on the many ways public health has evolved and how our students and alumni continue to shape and impact the health of our communities around the world. Public health has undergone significant successes and challenges in the past 25 years. Our world has experienced dramatic decreases in malaria mortality and achievements in disease elimination programs. However, we were also confronted with a deadly global pandemic of a novel coronavirus with estimates of excess deaths in the range of 15 million people. We continue to experience gaps in our nation's public health preparedness, infectious disease control capacity, health equity, and social justice. The need for increased and enhanced public health workforce development is critical. Our program has a quarter century of experience addressing these issues from the strength of research, education, policy, and public health practice. We are excited to have you join our program!

During this next academic year, please join us in the many opportunities for formal and informal learning, research, applied public health experiences, integrative health experiences, and community service available through our program, CWRU, and community partners. Take full advantage of this unique moment in your personal and professional life to grow your professional skills, professional network, and impact on public health in our communities.

Please familiarize yourself with this handbook, which provides a general summary of the information on the academic program. Please use this guide in consultation with your academic advisor and the MPH Student Handbook, and read your weekly program emails to best utilize the many advising and professional development opportunities in the program. Students are responsible to know and adhere to all Case Western University policies and Department of Population and Quantitative Health Sciences, and MPH program policies. If a student is uncertain about a requirement or perceives a conflict, then the student should bring this to the attention of their academic advisor. We are excited to have you in our program and look forward to this academic year!

We are excited to have you in our program and look forward to this academic year!

Sincerely,

Daniel Tisch, PhD, MPH
MPH Program Director

CWRU Master of Public Health Program

VISION

Healthy people. Thriving communities.

MISSION

To develop leaders who will improve health, advance health equity, and create new knowledge through the synthesis of innovative research, education, and community partnerships.

VALUES

- Diverse, equitable partnerships to achieve community health objectives
- Dynamic, responsive, and innovative approach to public health transformation
- Excellence in critical thinking and solution-finding using evidence-based principles
- Professionalism and ethical conduct in multidisciplinary teaching, research, and practice
- Social justice and health equity
- Healthy communities

GOALS

- Prepare students for successful professional careers in public health and pursuit of advanced professional/academic degrees
- Incorporate current research and community data in each student's training
- Foster an understanding of health inequities and approaches to improve health for all
- Support students, alumni, and partners with opportunities to develop the skills required to be a successful leader
- Improve the health of the public through collaborations between CWRU, community organizations, governmental health agencies, foundations, and the private sector

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Advising Pathways

Academic, professional, and career advising is integral to our Master of Public Health (MPH) Program. To get the most out of your time in the CWRU MPH program, you are encouraged to seek guidance from our program staff, faculty, affiliates, and alumni. While NO one advisor can fill all your needs as a student, this guide has been designed to help you identify the best opportunities for advising during your time in the program.

Academic Planning & Advising

The MPH administration and leadership make every effort to respond to student requests for support and provide academic advising tailored to each student's needs. All new students are assigned an academic advisor to aid in planning their academic career at Case Western Reserve University (CWRU). To ensure successful and timely completion of the MPH curriculum, students should select a concentration by the end of their first semester. This choice will inform course selections and the plan of study. Consult with your advisor to discuss academic progress, course selection and schedule of offerings, and appropriate number of credit hours to be taken. Students may change advisors at any time by notifying the MPH program administration. MPH students may wish to consult with the MPH program regarding additional potential advisors, depending on the student's concentration or area of interest. Advisors can approve course selection and lift advising holds. Faculty advisors may or may not be on a student's Capstone committee, but they should be available for consistent academic advising, planning, and support. Student progress, wellness, and performance is regularly monitored to identify problems that may be remediated.

The MPH Program administration offers career advising, including resume review, letters of support, and networking. Notices of job opportunities are shared as they are received from university, community, state, national, and international sources. This information is communicated with students and alumni via email. The MPH program shares internship opportunities at community sites, as available, on a competitive/application basis. Internship positions facilitate networking that may contribute to the development of Capstone projects. Student internships have resulted in post-graduate employment. Students may contact the MPH Office for career planning assistance.

Advising Process

Pre-admission

- All admission questions should be directed to PQHS Enrollment Specialist or Tara Hannum, Administrative Director. The PQHS Enrollment Specialist will direct the question to the responsible party and handles all recruitment and marketing activities. Tara handles PPOS reviews, dual degrees, and program specific questions.

Before the 1st Semester

- Upon acceptance into the MPH program, students will be assigned to Tara Hannum and Andrew Morris as their first advisors of record in SIS. Students will also be assigned to Dr. Tisch as an alternate advisor. Either Tara or Andrew will be able to assist students with designing their plan of study and selecting classes. Both Tara and Andrew will be able to release advising holds.

1st Semester

- During the first semester, students should be considering a concentration.
- Students should also begin thinking about where they would like to conduct their practicum and capstone projects.
- Students should begin questioning what they would like to do with their MPH degree.

Choosing a Concentration

- All students must declare a concentration by the end of their first semester in the program.
- Concentration coordinators should be contacted to discuss the different aspects of the concentration and answer any questions the student may have about selecting a concentration.
  - Jin Kim-Mozeleski- Health Promotion & Disease Prevention
  - Peter Zimmerman- Global Health
  - Mendel Singer- Population Health Research
  - Jennifer Bailitt- Health Policy and Management
- The MPH program will notify students of the declaration form by email. The form must be completed and submitted each semester.
- Concentration coordinators will hold group advising sessions.

Practicum and Capstone

- Capstone projects are **student driven.**
- It is the responsibility of the student to obtain IRB approval, if necessary.
- Students should seek advice for these projects from multiple avenues.
- Andrew Morris should be consulted on all projects.
- Concentration coordinators, program or departmental faculty, or if dual degree, faculty from other program, and site preceptors can guide you and help you formalize project ideas.
- You will form a Capstone Committee, which should consist of at least 3 individuals, prior to submitting a proposal.
- See the Culminating Experience Guide for more information.

Career Development

- Students can seek advice from staff, faculty, alumni, Student Affairs and community partners.
- CHRP sessions focus on professional development and career opportunities.
- Additional events will be announced by the program via email.

Please note: In all stages, students are expected to communicate effectively and regularly with their advisors, preceptors, and Capstone Committee members.

MPH Office Structure

Tara Hannum
Administrative Director

- Resolve student issues (1st contact)
- Advise students
- Assign advisors
- Track and verify enrollment
- Liaison for Grad Studies and University Registrar
- Assist with orientation and the *Public Health Innovations Conference*
- Complete Memorandums of Assistance (MOAs)
- Oversee program purchases
- Manage admissions process
- Accounting, financial planning and budgeting
- Collect and report program data
- Contact for admitted students
- Support Admissions Committee
- Manage adjunct instructor appointments
- Manage program inquiries, including those by phone, email, and walk-in
- Maintain Schedule of Classes
- Manages the Dual Degree Partners meeting
- Contact to other dual degree partners

Andrew Morris
Director of Community Based Education

- Resolve student issues (2nd contact)
- Advise students
- Admissions review
- Seek and maintain relationships with community partners
- Oversee the Practicum process
- Oversee the Capstone process
- Organize and facilitate CHRP seminar
- Primary organizer of the *Public Health Innovations Conference*
- PHT-NOW main point of contact

MPH Staff Workflow

Welcome to the MPH office!

What brings you in today?

Something other than capstone or practicum

Capstone or practicum questions

Community Health Research and Practice (CHRP) Sessions

CHRP is your first link to professional development in our program. CHRP meetings are designed to bring together students, faculty, public health practitioners, and researchers as part of a collaborative think tank. These meetings occur throughout the semester focusing on development and completion of Capstone projects, learning about ongoing faculty research, networking with campus and community partners, and development of publications and presentations for national conferences and peer reviewed journals. Networking opportunities can connect campus and community partners to students whose interests may match current projects and initiatives. Meetings are generally held every Tuesday afternoon from 12:00- 1:00 on zoom or in WG-73. A schedule of meetings for the semester is available by contacting the MPH program office and is shared via email and Canvas. **Students, particularly those currently engaged with their Practicum and/or Capstone are expected to attend CHRP regularly**. Student success with Practicum and Capstone (and therefore, success in the MPH program) is strongly associated with regular CHRP participation and communication with MPH staff, faculty, preceptors, and Capstone Committee members. *Some sessions may be extended.*

Why go to CHRP?

CHRP is your opportunity to receive specialized training and resources to succeed in our program and in your career. CHRP provides the core for extensive professional development activities during our program.

Group Advising

The MPH program will be offering group advising sessions throughout the year. Sessions will be divided based on concentrations. Group sessions will be led by the concentration coordinators. Students interested in learning about a concentration, considering declaring a concentration, or interested in working with a concentration coordinator should attend sessions. Remember, all students must attend advising to have the Advising Hold removed, which is placed by Graduate Studies each semester. These group sessions will satisfy the advising requirement. Keep in mind, group advising sessions do not necessarily replace capstone advising or meetings with a student's capstone committee. Group sessions are part of the CHRP professional development series. The dates for the Group Advising sessions will be communicated to students via email.

Career Planning & Advising

MPH students have full access to the University's Career Center. Within the Division of Student Affairs, the Career Center offers individualized assistance and technologically advanced resources to enable students and alumni to develop lifelong career management skills, to obtain work experience, and to integrate academic and career plans. The Center provides training in all phases of the job search, including self-assessment, resumes, correspondence, interviewing (including mock interviews), networking, etiquette, and access to online job postings. The services and events of the Career Center focus on four primary career management skills:

1. **Self-awareness** - Learning to appreciate one's interests, abilities, and skills by understanding how these qualities relate to a choice of major or career.
2. **Career-related Resources** - Identifying appropriate resources to gain in-depth knowledge of various job functions, fields, industries, and organizations for decision-making and career planning.
3. **Decision Making** - Utilizing career-related resources and committing to making purposeful decisions about choosing your major and career.
4. **Career-related Competencies** - Developing a career action plan and strategizing how to reach career goals, whether it be deciding to enter graduate school or the world of work, and then obtaining related experience.

To learn more about the Career Center and their services, visit their website: http://studentaffairs.case.edu/careers/.

Study Abroad and International Research Projects

All undergraduate *and* graduate MPH students must register with the Center for International Affairs Office of Education Abroad (see instructions below). Undergraduate students may have travel abroad denied or restricted based on current U.S. Department of State Travel Advisories. Per the guidelines of the CWRU Center for International Affairs, Integrated Graduate Studies (IGS) students are classified as undergraduate students for the purposes of study abroad experiences. If an undergraduate student travels to a country or region which the Office of Education Abroad has identified as restricted, the student may not receive the credits associated with to the study abroad experience. *(Restricted regions typically include those for which Level 4 Travel Advisories have been issued by the U.S. Department of State. Level 3 Travel Advisories may also be subject to restriction. Check with the Office of Education Abroad before traveling if you are unsure of your destination status.)*

Graduate students, while not subject to these restrictions, are responsible for following all university policies and are encouraged to contact the Center for International Affairs to discuss possible travel advisories before traveling abroad for research.

The MPH program requires all undergraduate *and* graduate students register with the Office of Education Abroad. Please review the Center for International Affairs Pre-departure orientation (https://case.edu/international/education-abroad/health-and-safety/pre-departure-orientation)

Students that are going to study abroad must complete these steps:

1. Email studyabroad@case.edu and ask for the registration forms for study abroad.
2. The registration forms will be sent by email from the Center of International Affairs to be completed by the student.
3. Confirm that the student status is “committed” (typically takes 24 hours)
4. Students must notify the MPH Program Administrative Director or Director of Community-Based Education of their study abroad confirmation.

Overview of the MPH Curriculum

The CWRU MPH Program has a two-year curriculum requiring 42 credit hours. Of the 42 credit hours,18 credits are accumulated in six core required courses, representing the fundamental domains of public health: biostatistics, epidemiology, environmental health sciences, health services administration, public health history, research methods, and social and behavioral sciences. Students receive 9 credits for courses in the concentration of their choice, six credits for two elective courses, and nine credits for the Culminating Experience, consisting of a field practicum and a capstone research project. Students may also enroll part-time and take courses over a three to five-year period.

COMMON CORE CURRICULUM - 18 credits
MPHP 405: Statistical Methods in Public Health*
MPHP 406: History & Philosophy of Public Health
MPHP 411: Introduction to Behavioral Health
MPHP 429: Environmental Health
MPHP 439: Health Management & Policy
MPHP 483: Introduction to Epidemiology for Public Health Practice

CULMINATING EXPERIENCE - 9 credits
MPHP 650: Public Health Practicum (3 credits)
MPHP 652: Capstone (6 credits)

Concentrations- 9 credits
(Choose one concentration; 9 credits to be taken in each concentration)
Population Health Research
Global Health
Health Policy & Management
Health Promotion & Disease Prevention

PUBLIC HEALTH ELECTIVES - 6 credits

*Students in the Population Health Research track may petition to take MPHP 431: Statistical Methods I in place of MPHP 405 with additional modules being assigned to meet competencies.

Master of Public Health Program (MPH) CWRU Curriculum

Academic Year 2024- 2025

Common Core Curriculum

42 credit hours are required for completion of this Master of Public Health degree

[For students in the Intensive Research Pathway, the curriculum will differ. Please see the section titled, "Intensive Research Pathway"]

COMMON CORE COURSES (18 credits)

Course #	COURSE TITLE	Units	Grading	Semester
MPHP 483	Introduction to Epidemiology for Public Health Practice	3	Graded	Fall
MPHP 406	History and Philosophy of Public Health	3	Graded	Fall
MPHP 411	Introduction to Health Behavior	3	Graded	Fall
MPHP 405	Statistical Methods in Public Health*	3	Graded	Spring
MPHP 429	Introduction to Environmental Health	3	Graded	Spring
MPHP 439	Health Management & Policy	3	Graded	Spring
Total		18 Credits		

*****Students in the Population Health Research track may petition to take MPHP 431, "Statistical Methods I" in place of MPHP 405 with additional modules being assigned to meet competencies.

CULMINATING EXPERIENCE (9 credits)

MPHP 650	Public Health Practicum	1-3	P/F	Fall/Spring/Summer
MPHP 652	Public Health Capstone	1-6	P/F	Fall/Spring/Summer
Total		9 Credits		

Intensive Research Pathway

In Fall 2017, the program began offering a modified curriculum that focuses more on research called the Intensive Research Pathway (IRP). This modified curriculum is for MPH students who are more interested in research careers or continuing their education in a PhD program. The IRP is compatible with all of our concentrations and dual degrees. However, not all Dual Degrees can be completed with the IRP plan of study without the addition of extra coursework. Both the Common Core and the IRP address and meet all Foundational Knowledge and Core Competencies. Regardless of plan of study, all MPH students will complete the same Applied Practical Experience and Integrated Learning Experience requirements. Below is a direct plan of study for the IRP.

Students wishing to do the IRP will need to apply for it separately from the usual admissions process for the MPH program. That is, students who are accepted into the MPH program will have the option of applying to do the IRP. The application form is completed and reviewed for the purpose of ensuring these students have the necessary quantitative aptitude to succeed in the designated courses. Applications are reviewed by the IRP Committee consisting of the Program Director and two departmental faculty members: Program Director Daniel Tisch, PhD MPH, Siran Koroukian, PhD, and Mendel Singer, PhD MPH.

IRP CORE COURSES (18 Credits)

Course #	Course Title	Units	Grading	Semester
Core Courses				
MPHP 490	Epidemiology: Introduction to Theory and Methods	3	Graded	Fall
MPHP 439	Public Health Management and Policy	3	Graded	Spring
MPHP 431	Statistical Methods I	3	Graded	Fall
MPHP 429	Introduction to Environmental Health	3	Graded	Spring
MPHP 411	Introduction to Health Behavior	3	Graded	Fall
MPHP 406	History & Philosophy of Public Health	3	Graded	Fall
TOTAL	18 CREDITS			
Culminating Experience				
MPHP 650	Public Health Practicum	3	P/F	Fall/Spring/ Summer
MPHP 652	Capstone	6	P/F	Fall/Spring/ Summer

TOTAL		9 CREDITS		
Required				
PQHS 465*	Design and Measurement in Population Health Sciences	3	Graded	Fall
PQHS 414*	Data Management and Statistical Programming	3	Graded	Fall
MPHP 432*	Statistical Methods II	3	Graded	Spring
TOTAL		9 CREDITS		
*CONCENTRATION (6 or 9 credits)**				

*Students selecting the Population Health Research concentration in conjunction with the IRP will count MPHP 432 toward the concentration. Students selecting a different concentration may, at the discretion of the concentration coordinator and on a case-by-case basis, count PQHS 465, 414, or 432 as a concentration elective. Otherwise, all nine credits will be taken in the student's concentration for a total of 45 credit hours. Please be sure to communicate with your advisor(s) throughout your course planning process.

Concentrations

Students are required to select a concentration. Each concentration consists of two required courses and an elective for a total of 9 credits. Students will select a class from the approved lists to fulfill the concentration elective requirement.

Students can elect to do a double concentration. A double concentration will usually consist of the four require courses from both concentrations and an elective that is approved for both concentrations. If there is not a course that fits both concentrations, then one course from each concentration will be taken for a total of 45 credits. Students electing to complete a double concentration will not have free public health electives.

Each semester students are required to complete the concentration declaration form. Even if you have completed the form previously, you are required to complete the form to give the program and the concentration coordinators an accurate list of each student in each concentration.

CONCENTRATIONS [5 options - choose one] – (9 credits)

Global Health				
Required				
MPHP 484	Global Health Epidemiology	1-3	Graded	Fall
INTH 401	Fundamentals of Global Health	3	Graded	Spring
Select the remaining concentration course from the list below (Additional courses may be approved by Global Health Coordinator)				
MPHP 426	An Introduction to GIS for Health and Social Sciences	3	Graded	Fall and Spring (Online)
MPHP 441	Climate Change and Health	3	Graded	Spring
MPHP 451	A Data-Driven Introduction to Genomics and Human Health	3	Graded	Fall
MPHP 489	Women's Public Health	3	Graded	Spring
MPHP 496	Evolution of Public Health into Global Health Practice	3	Graded	Summer
MPHP 540	Operational Aspects of Global Health and Emergency Response	3	Graded	Fall
ANTH 459*	Introduction to International Health	3	Graded	Fall
ANTH 480*	Medical Anthropology and Global Health I	3	Graded	Fall
ANTH 481*	Medical Anthropology and Global Health II	3	Graded	Spring
ANTH 511*	Seminar in Anthropology and Global Health	3	Graded	Spring

*Anthropology courses are for MA/PhD Anthropology/MPH students

Population Health Research				
Required				
PQHS 515	Secondary Analysis of Large Health Care Data Bases	3	Graded	Fall
MPHP 432	Statistical Methods II**	3	Graded	Spring
**Students who have taken MPHP 405 will need to take MPHP 431 prior to taking MPHP 432. In this case, MPHP 431 can be counted as a free elective, but cannot be applied towards the concentration.				
Select the remaining concentration course from the list below *(Additional courses may be approved by Population Health Research Coordinator)*				
MPHP 426	An Introduction to GIS for Health and Social Sciences	3	Graded	Fall and Spring (Online)
MPHP 431	Statistical Methods I	3	Graded	Fall
MPHP 450	Clinical Trials and Intervention Studies	3	Graded	Spring
MPHP 482	Qualitative & Mixed Methods in Public Health	3	Graded	Fall
MPHP 484	Global Health Epidemiology	1-3	Graded	Fall
PQHS 414	Data Management and Statistical Programming	3	Graded	Fall
PQHS 427	Geospatial Analytics	3	Graded	Spring
PQHS 435	Survival Data Analysis	3	Graded	Spring
PQHS 440	Introduction to Population Health	3	Graded	Fall
PQHS 451	A Data-Driven Introduction to Genomics and Human Health	3	Graded	Fall
PQHS 452	Statistical Methods in Human Genetics	3	Graded	Spring
PQHS 453	Categorical Data Analysis	3	Graded	Fall

PQHS 459	Longitudinal Data Analysis	3	Graded	Spring
PQHS 465	Design and Measurement in Population Health Research	3	Graded	Fall
PQHS 471	Machine Learning and Data Mining	3	Graded	Spring
PQHS 491	Advanced Study Design and Analysis	3	Graded	Spring
CRSP 500	Design and Analysis of Observational Studies	3	Graded	Spring
NURS 631	Advanced Statistics: Multivariate Analysis	3	Graded	Spring
NURS 632	Advanced Statistics: Structural Equation Modeling	3	Graded	Spring
PSCL 412	Measurement of Behavior	3	Graded	Spring

Health Policy and Management				
Required				
MPHP 468	Continual Improvement of Health Care	3	Graded	Fall
HSMC 456	Health Policy and Management Decisions	3	Graded	Spring
If applicable, select remaining concentration course from the list below (Additional courses may be approved by Health Policy and Management Coordinator)				
MPHP 412	Racism and Public Health	3	Graded	Spring
MPHP 433	Community Intervention and Program Evaluation	3	Graded	Spring
MPHP 482	Qualitative & Mixed Methods in Public Health	3	Graded	Fall
MPHP 540	Operational Aspects of Global Health and Emergency Response	3	Graded	Fall
BETH 417	Introduction to Public Health Ethics	2-3	Graded	Fall
POSC 483	Health Policy and Politics in the United States	3	Graded	Fall
LAWS 4201	Health Laws I	3	Student Option	Fall
LAWS 5218	Health Care Organizations, Finance, and Regulation	3	Graded	Spring
SASS 500	Violence: Social Work and Public Health	3	Graded	Spring
SOCI 457	Sociology of Human Rights	3	Graded	Spring

Health Promotion & Disease Prevention				
Required				
MPHP 413	Health Education, Communication, and Advocacy	3	Graded	Fall
MPHP 433	Community Interventions and Program Evaluation	3	Graded	Spring
Select remaining concentration course from the list below (Additional course may be approved by Health Promotion & Disease Prevention Coordinator)				
MPHP 412	Racism and Public Health	3	Graded	Spring
MPHP 426	An Introduction to GIS for Health and Social Sciences	3	Graded	Fall and Spring (Online)
MPHP 441	Climate Change and Health	3	Graded	Spring
MPHP 468	Continual Improvement of Health Care	3	Graded	Fall
MPHP 482	Qualitative and Mixed Methods in Public Health	3	Graded	Fall
MPHP 484	Global Health Epidemiology	1-3	Graded	Fall
MPHP 485	Adolescent Development	3	Graded	Fall (Hybrid)
MPHP 489	Women's Public Health	3	Graded	Spring
MPHP 496	Evolution of Public Health into Global Health Practice	3	Graded	Summer
MPHP 540	Operational Aspects of Global Health and Emergency Response	3	Graded	Fall 2023
BETH 417	Introduction to Public Health Ethics	3	Graded	Spring
BETH 419	Medical Science and Technology in Society	3	Graded	Spring

NTRN 401	Nutrition for Community and Health Care Professionals	2-3	Graded	Spring
SASS 500	Violence: Social Work and Public Health	3	Graded	Spring
SOCI 457	Sociology of Human Rights	3	Graded	Spring
ANTH 435	Illegal Drugs in Society	3	Graded	Spring

PUBLIC HEALTH ELECTIVES: (6 credits)

Students may take any MPHP courses to fulfill free elective requirements – including courses listed specifically for any of the concentrations. Additional courses, such as those offered in other departments or schools, may be approved by the student's advisor.

For current offerings/substitutions/schedule, please view www.case.edu/registrar; **click Schedule of Classes. Select the semester of interest, type the first four LETTERS of the course code (e.g., MPHP) in the first available field and depress the Enter key. Click on the Course Number for a description of the subject matter.**

MPH Program of Study

Student Name: _____ Date Modified: _____

Core Courses

Core Area	Course #	Semester	Credits	Course Name
Hist./Phil. of Public Health	MPHP 406	Fall _____	3	History and Philosophy of Public Health
Health Behavior	MPHP 411	Fall _____	3	Introduction to Health Behavior
Epidemiology	MPHP 483	Fall _____	3	Intro to Epidemiology for P.H. Practice
	or MPHP 490	Fall _____	3	Epidemiology: Intro to Theory and Methods
Environmental Health	MPHP 429	Spring_____	3	Introduction to Environmental Health
Health Mgmt. and Policy	MPHP 439	Spring _____	3	Public Health Management and Policy
Biostatistics	MPHP 405	Spring_____	3	Statistical Methods in Public Health
	or MPHP 431	Fall _____	3	Statistical Methods I

Concentration(s) – If selecting two concentrations, put courses for concentration "1" in the box below. Put courses for concentration "2" in the box for free elective courses.

Global Health
Population Health Research
Health Promotion / Disease Prevention
Health Policy and Management

Course #	Semester	Credits	Course Name
1.			
2.			
3.			

Free Electives – List 2 courses (with 1 additional course for a 2nd concentration)

Course #	Semester	Credits	Course Name
1.			
2.			
If two concentrations are selected, add 1 additional course below to complete 3-course concentration (including free electives)			
3.			

Culminating Experience – The Culminating Experience consists of a 3-credit hour Practicum and 6-credit hour Capstone research project. It is encouraged (although not required) to integrate them together.

Course	Course #	Credits	Semester Taken or Planned (Capstone credits can be split)

Public Health Practicum	MPHP 650	3	
Public Health Capstone	MPHP 652	6	

Total credits:
Core courses _____ + Concentration courses _____ + Free electives _____ +

Culminating Experience _____ = _____ Total credits

Dual Degree Students

Dual degree students should have academic advisors from both the MPH Program and the partner program. Advisors of dual degree students are encouraged to develop dialogues with their partner advisors and collaborate on students' programs of study. This dialogue should be accomplished by at least one annual group meeting of the student with both advisors to be arranged by the student. During the initial meeting, before the end of the student's first semester, a Planned Program of Study (PPOS) is developed. The PPOS can be revised later with the approval of both advisors. The PPOS should include (if relevant) a written description of how outside courses will benefit the student's public health education. Academic performance issues, or any other issues, are presented by the advisors to the MPH Management Team and may be shared with Dual Degree Coordinators. The MPH Management Team will adjudicate any difference in opinion between advisors.

The Director of the MPH Program, assisted by the Program's Associate Director and Administrative Director, is the coordinator of the dual degree programs and provides services for student support, including special events and publications dedicated to serving the needs of dual degree students and building their sense of scholarship and community. The Office of the MPH Program Director provides dual degree students a destination for help and building identity.

Dual Degree plans of study are available from the MPH department administration.

Dual Degree Coordinators

JD/MPH (School of Law)
Contact: TBD

MA or PhD/MPH (Department of Anthropology, School of Graduate Studies)
Contact: Lee Hoffer PhD, MPE
Associate Professor and Director of Graduate Programs
Department of Anthropology
216.368.2287
Jwm6@case.edu

MA/MPH (Department of Bioethics, School of Medicine)
Contact: Aaron Goldenberg, PhD, MPH
Associate Professor
Department of Bioethics
216.368.8729
aaron.goldenberg@case.edu

MBA/MPH (Weatherhead School of Management)
Contact: Tom Bogart
Visiting Professor, Chair, Department of Economics
Weatherhead School of Management
tom.bogart@case.edu

MD/MPH (School of Medicine)
Contact: Pauline Terebuh, MD, MPH
Assistant Professor
pdt@case.edu

MS/MPH (Department of Nutrition)
Contact: Hope Barkoukis, PhD, RD, LD
Associate Professor and Chair, Department of Nutrition
216.368.2441
hope.barkoukis@case.edu

MSN/MPH (School of Nursing)
Contact: Latina Brooks, PhD CNP
Assistant Professor
Frances Payne Bolton School of Nursing
216.368.1196
Lmb3@case.edu

MSSA or MSW/MPH (Social Administration, Mandel School of Applied Social Sciences)
Contact: Sharon E. Milligan, PhD, MSW, MPH
Associate Professor
sharon.milligan@case.edu

DMD/MPH (School of Dentistry)

Contact: Sena Narendran, BDS, MPH
Associate Professor
School of Dentistry
216.368.1131
sena.narendran@case.edu

CBM/MPH (Combined Bachelor's and Master's Program)

Contact: Wesley Schaub
Assistant Dean, Office of Undergraduate Studies
216.368.2928
wws@case.edu

Resources

Academic Calendar
The academic calendar is available on the registrar page. Please check the calendar and your student email for important MPH, PQHS and university events and notifications. The Academic calendar is maintained by the School of Graduate Studies Registrar. Please check their site for important dates.

Student Representatives
Each year, the student body elects three to five representatives from their peers to function in leadership and governance roles in the program organization. Students may be nominated by faculty, staff, or their fellow students and must be in good standing with the MPH program. In all other regards, the election process is entirely student-run. Student representatives are valuable members of the Management Team and Curriculum Committee and serve as liaisons with the student body. In addition to their role on the Management Team and Curriculum Committee, student representatives plan student feedback/townhall sessions each semester, which supplement the online course evaluations, and social events for the student body. The role of student representative is unpaid; however, the MPH program provides a budget from which the representatives can plan events.

Your 2024-2025 Student Representatives:

Kati Davis
Aashna Rana

Community Health Research & Practice Seminar
The purpose of the Community Health Research and Practice (CHRP) seminar is to bring together Case Western Reserve University students, faculty, staff, and the broader public health community in order to support and enhance the professional development of all involved. CHRP sessions occur weekly throughout each academic semester. More information about the CHRP Seminar can be found on page 13.

APHA & OPHA Membership
The MPH program encourages engagement with the American Public Health Association (APHA) and the Ohio Public Health Association (OPHA).

Student Space on Campus
Below is a list of space available for students to meet, study, and relax on campus. Please note that some space can be reserved for meetings and are, thus, subject to availability. Whenever possible, meeting spaces that are available for reservation are indicated.

Departmental/MPH Space
Coffee Lounge (W-G71) - (directly across from the MPH Office) - small meeting area with seating that can accommodate about 4 people
Computer Lab (W-G63) - computer space for 6 people
Computer Lab (W-56)- computer space/TA space
MPH Office (W-74C)- Teaching assistant space (only for teaching assistant office hours)
Dingle Lounge (W-G67) – Dedicated student space. Conference table, lounge, lockers, refrigerator, and microwave available to students.
Kelvin Smith Library- Graduate Student Study Carrels

Conferences

Conferences are a great networking tool and can enhance a student's professional development while in the program or as a new public health professional. The MPH program encourages students to submit abstracts to relevant professional conferences based on practicum, capstone, or other campus- or community-based practice and research efforts. Funding may be available on a competitive basis to support students with accepted abstracts for registration, travel, or other costs associated with conference attendance.

Some relevant conferences for the 2024-2025 academic year include, but are not limited to:

- American Public Health Association: October 27-30, 2024
- Society for Public Health Education: April 16-18, 2025
- Association of Schools and Programs of Public Health: March 19-21, 2025
- Association for Prevention Teaching & Research: March 10-12. 2025 in Cleveland
- Ohio Public Health Conference: TBA

Glossary of Common Terms

Advising Hold - An advising hold is placed on your record twice a year and will need to be removed by your advisor before you can register. This hold ensures that you are in contact with your advisor and have a plan for the next semester. Advising holds can be lifted by your advisor, Tara Hannum, Administrative Director or Andrew Morris, Director of Community Based Education.

Collaborative IRB Training Initiative (CITI) - The Collaborative IRB Training Initiative (CITI) is an educational program for the protection of human subjects in research. CITI was developed by experts in the IRB community and is focused on different aspects of bioethics and human subject research. There is a core course in biomedical research and one in social/behavioral research. Each module includes educational materials that can either be read on the screen or printed out. A brief quiz follows each module.

Continuing Research Education Credit (CREC) - Case Western Reserve University's Continuing Research Education Credit (CREC) Program provides investigators documented training in the protection of human subjects in research. The program is available to human subjects' researchers at University Hospitals Cleveland Medical Center, The MetroHealth System, Case Western Reserve University, Louis Stokes Cleveland VA Medical Center, and The Cleveland Clinic. All educational content is free and accessible to unaffiliated institutions and the general public. CMEs and CEUs are available for purchase on the CITI website but are not required for the CREC program.

Council on Education for Public Health (CEPH) – CEPH is the accrediting body for schools and programs of public health. The CWRU MPH program is fully accredited by CEPH.

Credit hour - For courses in lecture format, one credit-hour represents the subject content that can be delivered in one academic hour of contact time each week for the full duration of one academic semester, typically 14 weeks along with a final examination period. For undergraduate courses, one credit-hour also includes associated work that can be completed by a typical student in two to three hours of effort outside the classroom. For courses taught in other than lecture format (e.g., seminars, laboratories, independent study, clinical work, research, etc.), one credit-hour represents an amount of content and/or student effort that in aggregate is no less than that described above. It is important to consider the time commitment associated with a credit-hour load when creating your schedule. A schedule of 15 credit hours will require approximately 45-60 hours of study per week. Considering any obligations and interest that you would like to pursue in addition to your academic work, as well as the "space" you will need to provide yourself as you are transitioning into this new environment, you should be careful not to over-commit yourself in your first semester.

Cross-listed - A designation given to a course offered collaboratively through two or more departments or programs.

Culminating Experiences - A Public Health field practicum and multi-semester Capstone project required of all MPH students, this two-course sequence (9 credits total) places students in health related settings to work on projects of mutual interest to the agency or organization and the student. Students should contact Andrew Morris, Director of Community-Based Education for more details.

Innovations – Shorthand for the *Public Health Innovations Conference* held each semester, hosted by the MPH program and located here on campus or on zoom. *Innovations* serves as a means for students to showcase their research efforts. Practicum experiences are presented in the form of a poster presentation. Capstone projects are presented orally on stage in front of an audience consisting of faculty, staff, community members, and other students. **All students are expected to attend *Innovations* each semester.**

Institutional Review Board (IRB) - The Institutional Review Board (IRB) is an administrative body established to protect the rights and welfare of human research subjects recruited to participate in research activities conducted under the auspices of the institution with which it is affiliated. The IRB is charged with the responsibility of reviewing, prior to its initiation, all research (whether funded or not) involving human participants. The IRB is concerned with protecting the welfare, rights, and privacy of human subjects. The IRB has the authority to approve, disapprove, monitor, and require modifications in all research activities that fall within its jurisdiction as specified by both the federal regulations and institutional policy.

Leave of Absence (LOA) - Students undertaking graduate work are expected to pursue their studies according to a systematic plan each year whether registered for full or part-time study. Occasionally a student finds it necessary to interrupt his or her studies before completion of the graduate program. A leave of absence is not to be requested unless the circumstances are such that the student cannot continue graduate study. Under such circumstances the student must request in writing a leave of absence for a period not to exceed two consecutive regular academic semesters. In exceptional circumstances, the leave can be extended for another two semesters. However, the maximum amount of leave permitted per graduate program is four semesters. The reason for the leave must be stated clearly, and the request must be submitted to the Dean of Graduate Studies with the written endorsement of the student's academic department. A leave of absence does not extend the maximum time permitted for the completion of degree requirements, and a leave cannot be taken while students are on extension of the five-year limit. At the expiration of the leave the student must resume registration unless formally granted an extension of the leave. Retroactive leaves are not permitted. A student who fails to obtain a leave of absence, or who fails to register following an official leave, must petition the Dean of Graduate Studies for reinstatement in order to resume work as a student in good standing at the university. A student who is granted a maternity or paternity leave of absence related to infant care, as well as those who must fulfill military duty obligations can petition to extend the five-year time limit associated with completion of the degree. The length of the extension may not exceed two years. International students must check with the Office of International Student Services before petitioning for a leave of absence, as such a leave can affect their visa status.

Memorandum of Assistance (MOA) - The Memo of Assistance form is required of all graduate and professional students applying for financial aid. Unlike most other forms, it is not completed by the student. Instead, it is completed by the graduate department (Tara Hannum, MPH Administrative Director) for the program in which the student is enrolled. A graduate department representative completes the form and forwards it directly to the Office of University Financial Aid, certifying the following information:

- Details of the degree and program
- Exact number of credit hours and tuition fees charged for the academic year
- Type and amount (if any) of graduate financial assistance being received by the student through the department in question

This form is required of all graduate and professional students applying for aid at CWRU, even if said student is not receiving any financial assistance from his or her department. ***Students are required to provide all the required information to*** Tara Hannum, ***to complete the form.***

Planned Program of Study (PPOS) - a list of proposed coursework. Graduate students are encouraged to meet with their advisor within the first semester of residence to discuss all departmental requirements and create a PPOS. CBM students are required as part of the admissions process to submit a paper version of their PPOS as part of the admissions process and must complete a new PPOS before graduation that matches their transcript.

Student Information System (SIS) - SIS is the University's administrative system used for student registration, student accounts, academic advisement, and student demographics.

FAQ

Where can I get additional help with statistics?
All students are required to take a biostatistics course in the MPH program. Students may elect to take additional introductory, advanced, and/or specialized statistics courses at CWRU. Many students may need to acquire additional skills to accomplish their Capstone objectives. Capstone Committee members can help guide the student to additional resources and training materials.

How many credits can I transfer in?
The School of Graduate Studies will allow up to six transfer credits. Please note, the MPH Management Team will consider transfer requests on a case-by-case basis. The School of Graduate Studies will not allow coursework to be transferred in unless it was taken prior to matriculation, during a summer session, or while on a Leave of Absence from the MPH program. If you took MPH classes as a non-degree student prior to applying to and matriculating into the MPH Program and you wish to have them transferred to your graduate record, contact the School of Graduate Studies.

When will my advisor be assigned?
Upon acceptance into the MPH Program, you will be assigned two advisors in SIS. Either advisor can assist with course selection and remove advising holds. As you progress through the program, other faculty may fill advising roles specifically related to concentration course selection and/or Capstone project guidance.

What type of contact do I need to have with my advisor?
Students should have regular contact with their advisor each semester for course selection and to have advising holds lifted. Students currently engaged with their Capstone projects should have regular contact with their Capstone Committee and should plan on submitting progress reports as appropriate and outlined in the Culminating Experience Guide.

How do I get an "advising hold" lifted?
Your advisor can lift an advising hold once you have a discussion about course selection with them. It is your responsibility to reach out to your advisor to discuss course selection and progress in the MPH program as needed. Contact MPH staff if you experience problems or delays in removing advising holds.

How often do I need to meet with my advisor?
*You should plan on meeting with your advisor at least once per semester. Note: while engaged with your Capstone project, you should plan on having regular communication and/or meetings with your preceptor and/or Capstone Committee.*Who is my advisor?
Your advisors are listed on your profile in SIS. Please note, the advisor(s) listed in SIS may not necessarily be members of your Capstone Committee.

Can I email my concerns to the Dean, Provost, President, etc…?
This is not recommended. We have this advising guide in place to best address concerns through a clear chain of communication. Depending on the nature of the concern, it is usually best to first work with MPH staff, then MPH Program Director, then Vice-Chair for Education (Department of Population and Quantitative Health Sciences), then School of Graduate Studies. International students are also expected to work closely with the Office of International Student Services, if applicable.

What should I do to prepare for an advising meeting?
If you are meeting to discuss course selection, come prepared with questions about courses. Be aware of courses required for your concentration of choice. Plan on also discussing your broader timeline for Capstone and completion of the MPH program. If you are meeting with faculty for advice on starting your Capstone, be engaged and come prepared with ideas. MPH staff and faculty can't tell you what you're interested in – you need to have put some thought into this before meeting!

What if I don't like my advisor?
Let the MPH Office know – students can change the advisors in our program. The School of Graduate Studies can add, remove, or change a student's advisor by request from the MPH program.

What if I want to speak with the Program Director?
Great! Contact Tara Hannum and Tara.Hannum@case.edu to schedule an appointment with Dr. Tisch.

Are Research Assistant or Graduate Assistant positions available?
The MPH Program routinely receives postings for Research Assistant positions from both on-campus and off-campus partners. The Program shares all Research Assistant position postings with MPH students. Interested students must apply through the appropriate channels and positions are granted on a competitive basis. Graduate Assistant positions are offered for select MPH courses (also on a competitive basis if multiple students are interested). Students may only serve as a GA for a course if they have previously taken the course or an equivalent course. Students must apply for these positions through the Graduate Assistant Application.

What is CWRU's definition of a credit hour?
See the glossary entry above on pages 40-41.

Sometimes it seems like there are a lot of forms and administrative steps associated with Practicum and Capstone. Why is this?
The MPH Program is accredited by the Council on Education for Public Health. For this reason, the Program needs to demonstrate that students are meeting certain competencies, which includes competencies met by the Practicum and Capstone. The Program uses competency forms to document – and therefore demonstrate – that students are learning what they should be learning!

When will my Incomplete grade for Practicum and/or Capstone be resolved?
It is not uncommon for students to take an Incomplete for Practicum and/or Capstone credits. The grade will be changed to a Pass once you present your Practicum poster and/or Capstone presentation at Innovations and submit all required materials to the Director of Community Based Education. For students splitting Capstone credits between two semesters, the 3 credits from the first semester of Capstone enrollment will be designated Pass upon receipt of an approved Capstone Progress Report.

How do I get a "Grad Records Hold" lifted?
The School of Graduate Studies places a Grad Records Hold at the end of your second semester in the program until a PPOS is created and approved in SIS. (See next question for more information.)

How many credits can I take in a semester?
The School of Graduate Studies limits all graduate students (including IGS) to a maximum of 17 credits without requesting a credit override. The MPH program will only grant registration for 18 credits including undergraduate coursework, if applicable. All requests for an increase to 18 credits must be approved by the MPH program through a credit overload petition process. Please complete the credit override form to request an override.

Can the MPH program be completed in one year?
Typically, no. It is highly unusual to complete the program in one year.

What is the difference between transferring in a course and waiving a course?
A transfer course is one that was taken at a different institution. It is rare for credits to be transferred in, and a maximum of 6 credits are allowed. On rare occasions, certain courses may be waived by the MPH Program and School of Graduate Studies. Please note, you cannot graduate with fewer than 42 credits, so even if a course is waived you may need to make up the credits with elective(s).

Can I take classes on a part-time basis?
Yes! The MPH Program can be completed part-time in three to five years.

What is a final certification form?
A Final Certification Form is completed by the MPH Program prior to graduation. Essentially, this form tells the School of Graduate Studies that the MPH Program has cleared you for graduation. The MPH Program will fill out and submit this form on your behalf, assuming you have met all program requirements prior to the stated deadline.

What forms need to be completed in order to graduate?
In order to graduate, students must Apply for graduation through SIS. IGS students must complete the paper form for the PPOS.

What if I want to have a meeting with a faculty member?
Great! Please email the faculty member to schedule a meeting. If you have trouble reaching a faculty member, please contact the MPH office to let us know.

Graduation

Graduation- A candidate for a degree awarded by the School of Graduate Studies must make an application for the degree to the Office of Graduate Studies by the deadline established for that semester, which is approximately two months before the commencement date at which the degree is expected to be awarded. The candidate must meet all the deadlines for completion of degree requirements set forth in the calendar. All candidates must be registered and in good standing during the semester in which the degree is awarded. Full payment of tuition, fees and fines is a prerequisite to the award of a degree.

Delayed Graduation- A doctoral or master's thesis applicant who meets all deadlines for commencement in one semester except for the deadline for submission to the Office of Graduate Studies of approved copies of the thesis or dissertation may request use of the "grace" period in order to graduate in the next commencement. Any student utilizing the delayed graduation option must notify the Office of Graduate Studies in writing of the intention to do so. Permission to use the grace period will be granted only once. Such a student will be permitted a one-month period from the date of commencement for which application has been made for the purpose of making revisions to the defended thesis or dissertation in accordance with the recommendations of the defense committee, in order to submit the required approved copies to the Office of Graduate Studies. A student who meets the delayed graduation deadline will be awarded the degree in the next commencement without the need to be registered or to pay a special fee. If a student fails to meet this deadline, he or she will be required to register for the appropriate thesis or dissertation credit hours in the next semester and to reapply that semester as a candidate for graduation. Upon written request to the Office of Graduate Studies, a master's non-thesis (Plan B) applicant may use the grace period only relative to the scheduling of the required Comprehensive Examination or Completion and Submission of the final project.

MPH 2018 Graduate Julia Bates with her mother, Kathy Bates, an employee of CWRU and 2018 graduate of the Mandel School.

Fall Graduation Deadlines

October 4- Deadline to submit application for Fall 2024 graduation.
December 6- Deadline to submit ALL materials for Fall 2024 Graduation.
January 17, 2025- Awarding of Degrees (No Convocation or Diploma Ceremony)

Spring Graduation Deadlines

TBA- Deadline to submit application for Spring 2025 graduation.
TBA- Deadline to submit ALL materials for Spring 2025 Graduation.
May 16, 2025- Awarding of Degrees

Conclusion

Thank you for choosing the CWRU MPH program. This advising guide is intended to help guide students through the MPH program. This guide is not a replacement for meeting with your advisor. MPH administration, staff and faculty are here to help answer any questions you have and make this the best possible experience possible.

Appendix- Plans of Study based on Concentration

Requirements for MPH degree (Global Health – Common Core)		
Course number	**Course name***	**Credits (if applicable)**
MPHP 405	Statistical Methods in Public Health	3
MPHP 406	History and Philosophy of Public Health	3
MPHP 411	Introduction to Health Behavior	3
MPHP 429	Environmental Health	3
MPHP 439	Public Health Management and Policy	3
MPHP 483	Introduction to Epidemiology for Public Health Practice	3
MPHP 650	Public Health Practicum	3
MPHP 652	Public Health Capstone	6
INTH 401	Introduction to Global Health	3
MPHP 484	Global Health Epidemiology	3
	Concentration Elective	3
	Public Health Elective	3
	Public Health Elective	3
	Total Credits	**42**

Requirements for MPH degree (Health Policy and Management – Common Core)		
Course number	**Course name***	**Credits (if applicable)**
MPHP 405	Statistical Methods in Public Health	3
MPHP 406	History and Philosophy of Public Health	3
MPHP 411	Introduction to Health Behavior	3
MPHP 429	Environmental Health	3
MPHP 439	Public Health Management and Policy	3
MPHP 483	Introduction to Epidemiology for Public Health Practice	3
MPHP 650	Public Health Practicum	3
MPHP 652	Public Health Capstone	6
MPHP 468	The Continual Improvement of Healthcare	3
HSMC 456	Health Policy and Management Decisions	3
	Concentration Elective	3
	Public Health Elective	3
	Public Health Elective	3
	Total Credits	**42**

Requirements for MPH degree (Health Promotion & Disease – Common Core)		
Course number	**Course name***	**Credits (if applicable)**
MPHP 405	Statistical Methods in Public Health	3
MPHP 406	History and Philosophy of Public Health	3
MPHP 411	Introduction to Health Behavior	3
MPHP 429	Environmental Health	3
MPHP 439	Public Health Management and Policy	3
MPHP 483	Introduction to Epidemiology for Public Health Practice	3
MPHP 650	Public Health Practicum	3
MPHP 652	Public Health Capstone	6
MPHP 413	Health Education, Communication, and Advocacy	3
MPHP 433	Community Interventions	3
	Concentration Elective	3
	Public Health Elective	3
	Public Health Elective	3
	Total Credits	**42**

Requirements for MPH degree (Public Health Research– Common Core)		
Course number	**Course name***	**Credits (if applicable)**
MPHP 405	Statistical Methods in Public Health	3
MPHP 406	History and Philosophy of Public Health	3
MPHP 411	Introduction to Health Behavior	3
MPHP 429	Environmental Health	3
MPHP 439	Public Health Management and Policy	3
MPHP 483	Introduction to Epidemiology for Public Health Practice	3
MPHP 650	Public Health Practicum	3
MPHP 652	Public Health Capstone	6
MPHP 432	Statistical Methods II	3
PQHS 515	Secondary Analysis of Large Health Care Databases	3
	Concentration Elective	3
	Public Health Elective	3
	Public Health Elective	3
	Total Credits	**42**

Requirements for MPH degree (ANY CONCENTRATION – Intensive Research Pathway)		
Course number	**Course name***	**Credits (if applicable)**
MPHP 406	History and Philosophy of Public Health	3
MPHP 411	Introduction to Health Behavior	3
MPHP 429	Environmental Health	3
MPHP 439	Public Health Management and Policy	3
MPHP 490	Epidemiology: Introduction to Theory & Methods	3
MPHP 650	Public Health Practicum	3
MPHP 652	Public Health Capstone	6
PQHS 465	Design and Measurement in Population Health Sciences	3
PQHS 414	Data Management and Statistical Programming	3
MPHP 431	Statistical Methods I	3
MPHP 432	Statistical Methods II	3
	Concentration Required	3
	Concentration Required	3
	Concentration Elective*	(3)
	Total Credits	**42 or (45)**

**Students selecting the Population Health Research concentration in conjunction with the IRP will count MPHP 432 toward the concentration. Students selecting a different concentration may, at the discretion of the concentration leader and on a case-by-case basis, count PQHS 465, 414, or 432 as a concentration elective. Otherwise, all nine credits will be taken in the student's concentration for a total of 45 credit hours. Please be sure to communicate with your advisor(s) throughout your course planning process.*