MAILMAN SCHOOL OF PUBLIC HEALTH MPH PROGRAM

Mailman School of Public Health

The Columbia University Mailman School of Public Health (http://www.mailman.columbia.edu) allows highly-qualified General Studies undergraduate and Postbaccalaureate Premedical students to pursue several graduate programs of study in the field of public health. Students interested in the Columbia MPH degree (https://www.mailman.columbia.edu/people/current-students/academics/degree-requirements/mph/columbia-mph) may pursue one of two degree pathways depending on their interests or eligibility: either the Columbia MPH program (https://www.mailman.columbia.edu/people/current-students/academics/degree-requirements/mph/columbia-mph) completed in two full academic years, or the Accelerated MPH program (https://www.mailman.columbia.edu/people/current-students/academics/degree-requirements/mph/accelerated-mph) completed in three academic semesters. Applicants interested in the Accelerated MPH program (https://www.mailman.columbia.edu/people/current-students/academics/degree-requirements/mph/accelerated-mph) must have at least two years of substantial health-care related work experience at the time of application.

Students interested in Environmental Health Sciences may apply to the Masters of Science degree with a track in Toxicology. (https://www.mailman.columbia.edu/become-student/degrees/masters-programs/master-science/toxicology)

Additionally, GS undergraduate and postbac students may enroll in some of the courses offered at the Mailman School while they are matriculated at General Studies.

There are several advantages of applying to the available programs at the Mailman School of Public Health for GS students.

- Mailman will waive the GRE requirement for students with a minimum undergraduate GPA of 3.5.
- Mailman will waive the application fee for GS students.
- Mailman will help place accepted students in clinical and research settings with Mailman faculty prior to the start of their graduate program.
- Mailman will guarantee enrollment in the undergraduate public health courses that are part of the special concentration in public health to students who have received early acceptance to a Mailman program.

Interested applicants are strongly encouraged to attend the information sessions conducted by the Mailman School of Public Health (https://www.mailman.columbia.edu) during New Student Orientation Week and other times in the fall semester.

Mailman School of Public Health MPH Program

Program Overview

The Columbia MPH program trains students to analyze and resolve public health challenges and phenomenon on the local, national, and international levels. Students gain foundational knowledge in public health history and methodology during their first year, and spend their second year honing their expertise in a particular field through departmental course work and the completion of the certificate concentration (https://www.mailman.columbia.edu/people/current-students/academics/certificates). Practicum training affords students the opportunity to apply the knowledge and skills acquired in the first year to a real work setting.

Curriculum

The two-year degree program (https://www.mailman.columbia.edu/people/current-students/academics/degree-requirements/mph/columbia-mph) follows a carefully constructed trajectory of six components.

Students begin the program by immersing themselves in the Mailman Core Curriculum (https://www.mailman.columbia.edu/academics/degrees/master-public-health/core-curriculum), which offers grounding in the history and methods of public health, as well as foundational studies of biological and environmental determinants of health; social, behavioral, and structural determinants of health; methods for public health research and programming; and health systems.

During the summer following the completion of their first spring semesters, students participate in a practicum, during which they apply their skills and knowledge in a real world setting.

In the second year, students develop subject expertise by completing the requirements of their chosen certificate program, as well the requisite departmental and core requirements needed to graduate. Certificate choices are typically made during the admissions application, although students may elect to defer that decision until the first semester of enrollment.

Admissions

Eligibility

Competitive applicants typically have a minimum cumulative 3.5 undergraduate GPA. Undergraduate students interested in applying in their junior year should have declared a major and completed their core requirements. Postbac students may apply at any point during their studies. Postbac applicants must attain a minimum score of B+ for the mathematics and statistical course requirements.

Application Requirements

The following materials must be submitted as part of the required application:

- Application fee waived for GS students.
- GRE scores if the applicant’s undergraduate GPA is less than 3.5
- 500 word personal statement describing interest in the program
- Three letters of recommendation from faculty or supervisors
- IELTS or TOEFL scores for international students only
- CV or resume
- Academic transcripts from all previous undergraduate institutions, including GS
- Students applying to the two-year Columbia MPH program can choose to identify a certificate (https://www.mailman.columbia.edu/people/current-students/academics/certificates) choice.

Required Application | Apply Here (http://apply.mailman.columbia.edu/apply/?sr=aea5c491-ca84-47f8-b05a-3f2aa8f5a33b) | SOPHAS Application Service (http://www.sophas.org)
Admissions Deadlines
• Priority Deadline- December 1st
• General Deadline- January 1st
• Early Application Option: Mailman will accept early applications for qualified students from the School of General Studies in their junior year who are applying to the two-year MPH program.

Please see here (https://www.mailman.columbia.edu/become-student/how-apply) for more information regarding admissions eligibility, application requirements, admissions timelines, financial aid, and tuition and fees.

Contact
For more information on the Columbia MPH Program, students should contact Juli Parker (jp3600@cumc.columbia.edu) at the Mailman School of Public Health and the GS graduate school advisor (td2503@columbia.edu).

Mailman School of Public Health
Accelerated MPH Program

Program Overview

Curriculum
The structure of the one-year degree program (http://publichealth.columbia.edu/degree-programs/accelerated-mph) includes five components, carefully timed and integrated, so that learning in one part of the program informs activities and assignments in another.

Students begin the program by immersing themselves in the Mailman Core Curriculum (https://www.mailman.columbia.edu/academics/degrees/master-public-health/core-curriculum), which offers grounding in the history and methods of public health, as well as foundational studies of biological and environmental determinants of health; social, behavioral, and structural determinants of health; methods for public health research and programming; and health systems.

Rather than focus on a single discipline within public health, students in the General Public Health track (http://publichealth.columbia.edu/degree-programs/accelerated-mph/general-public-health) draw their coursework from departments throughout the Mailman School.

In addition, each student is expected to develop and demonstrate improved skills in a technical area, such as research design, program evaluation, health education, health program planning, or administration, as well as select from the School’s curriculum, in consultation with their academic advisor, those courses that help meet this objective.

Admissions
Eligibility
Students are eligible to apply for this program if they:
• have completed the Core curriculum, declared a major, and maintained an undergraduate cumulative GPA of at least 3.0
• have received a grade of B+ or better in University Writing (undergraduate students)
• have received a grade of B+ in mathematics and statistics courses (postbac students)
• have taken a mathematics or statistics course at Columbia
• have a minimum of two years of work experience in a health-related field

Application Requirements
The following materials must be submitted as part of the required application:
• Required Application | Apply Here
• GRE scores if the applicant’s undergraduate GPA is less than 3.5
• 500 word personal statement describing interest in the program
• Three letters of recommendation from faculty or supervisors
• IELTS or TOEFL scores for international students only
• CV or resume
• Academic transcripts from all previous undergraduate institutions, including GS

Admissions Deadlines
• Priority Deadline- December 1st
• General Deadline- January 1st

Please see here (https://www.mailman.columbia.edu/become-student/how-apply) for more information regarding admissions eligibility, application requirements, admissions timelines, and tuition and fees.

Contact
For more information on the Accelerated MPH Program, students should contact Juli Parker (jp3600@cumc.columbia.edu) at the Mailman School of Public Health and the GS graduate school advisor (td2503@columbia.edu).

Mailman School of Public Health MS in Environmental Sciences- Toxicology

Program Overview
The Department of Environmental Health Sciences (https://www.mailman.columbia.edu/academics/departments/environmental-health-sciences-ehs) at the Mailman School of Public Health (https://www.mailman.columbia.edu/academics/departments/environmental-health-sciences-ehs) offers students
the opportunity to obtain the MS degree with a track in Toxicology (https://www.mailman.columbia.edu/become-student/degrees/masters-programs/master-science/toxicology). The program will train students to understand and communicate the effects of exposure to toxic substances from the environment on human health, assess risk and vulnerabilities, devise strategies to minimize exposure, and develop remedies in response to exposure to environmental hazards. In addition to a robust curriculum that prepares students to address the most current topics and methods such as Computational Toxicology, students will have opportunities to gain hands-on experience during their practicum and thesis project. Students will learn laboratory methods in a semester-long lab-based course, gain quantitative skills and receive a Hazardous Waste Operations and Emergency Response (HAZWOPER) certification as part of their Industrial Hygiene course. Upon graduation from the program, students will have the knowledge and expertise to pursue careers within governmental and nongovernmental agencies, industries, and academic or research institutions.

This 12-month MS degree program in Toxicology (https://www.mailman.columbia.edu/become-student/degrees/masters-programs/master-science/toxicology?utm_medium=email&utm_source=mailchimp&utm_campaign=nyc_orgs_ms_ehs) from the Mailman School of Public Health is ideal for postbac students seeking to add valuable skills and credentials to their portfolio during their gap year. Students can enroll in an EHS course during their second year of the postbac program. (The course can count towards the MS required credits.)

**Curriculum**

Students in the MS Toxicology program will complete a minimum of 40 credits of course work. The requisite three-month practicum will provide students with professional experience in a real work setting, and the mandatory master’s research thesis will afford students research training. Please refer to the complete list (https://www.mailman.columbia.edu/academics/degree-requirements/ms/toxicology) of required courses for additional information.

**Admissions**

**Eligibility**

Competitive applicants to the MS in Toxicology program should have a strong academic foundation in chemistry and biology. Applicants typically have a strong GPA.

**Application Requirements**

The following materials must be submitted as part of the required application:

- Required Application | Apply Here (http://apply.mailman.columbia.edu/apply/?sr=aea5c491-ca84-47f8-b05a-3f2aa8f5a33b) (http://apply.mailman.columbia.edu/apply/?sr=aea5c491-ca84-47f8-b05a-3f2aa8f5a33b) SOPHAS Application Service (http://www.sophas.org)
- GRE scores if the applicant’s undergraduate GPA is less than 3.5
- 500 word personal statement describing interest in the program
- Three letters of recommendation from faculty or supervisors
- IELTS or TOEFL scores for international students only
- CV or resume
- Academic transcripts from all previous undergraduate institutions, including GS

**Admissions Deadlines**

The deadline for admission to the MS Program in Toxicology is June 1st for enrollment in the subsequent fall semester.

Please see here (https://www.mailman.columbia.edu/become-student/how-apply) for more information regarding admissions eligibility, application requirements, admissions timelines, and tuition and fees.

**Contact**

Nina Kulacki (njk2128@cumc.columbia.edu) and Juli Parker (jp3600@cumc.columbia.edu) at the Mailman School of Public Health can provide program (https://www.mailman.columbia.edu/become-student/degrees/masters-programs/master-science/toxicology) specific information. Students should also contact the GS graduate school advisor (td2503@columbia.edu).

**Mailman School of Public Health Gateway Courses**

GS undergraduate and postbac students will have the opportunity to enroll in courses offered at the Mailman School of Public Health while they are still matriculated at GS. These courses might include:

- POPF P8607 - Health and Human Rights Advocacy
- SOSC P8715 – Resolving Global Intractable Challenges: Frameworks, Innovations, and Change
- SOSC P6788 – Contemporary Issues & Innovations in Global Health Communication
- SOSC P8905 – Evidence and the Politics of Health Policy
- HPMN P8577 – Global Mental Health Policy