

METHODS IN MONITORING AND EVALUATION CERTIFICATE (GRADUATE)

Monitoring and evaluation (M&E) is critical as donors, governments, and other relevant stakeholders attempt to validate their investments and improve public health program performance. Students with a Certificate in Methods in M&E can expect to acquire the necessary skills to assess the performance, effectiveness, and impact of global public health programs. The courses offered will enable students to work effectively with global public health organizations involved with M&E and program implementation. The Tulane School of Public Health and Tropical Medicine is recognized for its expertise in M&E, and for producing students with strong marketable skills in this area. Students with this certificate will be prepared for jobs within the public and private sector that focus on M&E across a broad range of public health areas. Jobs in this area include M&E specialists and advisors, technical advisors, data analysts and program managers.

Certificate Purpose

Students will meet the following learning objectives to earn a certificate in M&E:

1. Utilize and apply the basic terminology and definitions of M&E including basic epidemiological measurements, impact evaluation, indicators, precision, bias, internal and external validity, logical frameworks and public health program goals, measurable objectives, inputs, outputs, outcomes and impacts;
2. Calculate basic measures commonly used in M&E;
3. Draw appropriate inferences from M&E data;
4. Work with stakeholders to conduct evaluations and improve programs; and
5. Communicate M&E information and findings to other lay and professional audiences.

Eligible Students

Students enrolled in a MPH, MSPH, MPH&TM degree program at Tulane SPHTM.

Certificate Competencies (<https://sph.tulane.edu/certificate-methods-monitoring-and-evaluation/>)

Students obtaining a certificate in M&E can expect to acquire the following competencies:

- Understand the theory and role of M&E of global public health programs, and explain the importance of M&E data for informing public health programs and decision making (courses providing competencies include GCBH 6280, GHSD or GCHB 6270, and TRMD 6200);
- Ability to monitor and assess the implementation, effectiveness, and impact of public health programs (courses providing competencies include: GHSD or GCHB 6270, TRMD 6200, TRMD 7440, GCHB 8250, BIOS 6040, BIOS 6800, EPID 7120); and
- Ability to work effectively with donors, governments, implementing organizations and other relevant stakeholders to validate investments and improve global public health program performance (courses providing competencies include: GCHB 6270 and TRMD 6200).

Number of Credits Required for Completion: 15

Requirements

Course ID	Title	Credits
Prerequisite Courses		
SPHL 6050	Biostatistics for Public Hlth	3
SPHL 6060	Epidemiology for Public Health	3
Proficiency in the use of statistical packages.		
Required		
TRMD 6200	Impact Evaluation in GH (OR)	3
IHSD 6200	Evaluation of GLOBL HLth Prgms	
SBPS 6340	M&E of Health Programs	3
EPID 7120	Epidemiologic Methods II	3
BIOS 6040	Intermediate Biostatistics	3
Select one of the following:		
GCHB 8250	Advnced Rsrch Mthds in GH	
TRMD 7440	Houshld SmpIng Apps in Dvlping	
GCHB 7140	Montrg/Eval of HIV/AIDS Prgms	

