

Maternal and Child Health (MCH) Specialization
Coursework & Model Schedules
Celia Scott Weatherhead School of Public Health and Tropical Medicine
Tulane University
Fall 2025

The Maternal and Child Health Specialization is offered for students who intend to work toward the health and well-being of mothers, children, and families – including women of childbearing age, pregnant people, infants, and adolescents – or in the field of reproductive health and family planning. Graduates can expect to work in leadership roles with a lens of health equity and a life course perspective, in government or community-based organizations. Students may add this specialization to any MPH or MSPH degree program in the school to further develop analytic, programmatic, policy, and communication skills that serve the MCH population and its varied stakeholders.

Competencies of MCH Specialization

1. Examine emerging challenges in maternal and child health through a health equity lens
2. Analyze issues in maternal and child health using a life course development framework
3. Examine the development and structures of MCH policies and practices in the United States or globally
4. Develop evidence-based public health interventions or policies targeting maternal and child health issues
5. Interpret maternal and child health data and appropriately communicate findings

MCH Specialization = 12 credits

To meet the requirements of the MCH Specialization, students must take four courses (each of which is 3 credits), including two electives. These courses (and the **semester** they are offered) are as follows.

- 1) SBPS 6510 Essential Issues in Maternal and Child Health – Year 1 **Fall**
- 2) SBPS 7510 Maternal Child Health: The Life Course Perspective – Year 2 **Spring**
- 3) Policies and Programs Elective – *choose one of the following:* – Year 1 **Spring**
 - SBPS 6490 Key Policies and Programs in Maternal and Child Health
 - IHSD 6760 International Family Planning: Policies and Programs
- 4) Interventions and Focused Interest Elective – *choose one of the following:*
 - SBPS 6460 Child Health and Development in Public Health – **Spring**
 - IHSD 6870 Adolescent Health Policies and Programs – **Fall**
 - EPID 6480 Reproductive epidemiology – **Spring**
 - IHSD 7210 Survey Data Analysis in Family Planning/Reproductive Health Research – **Spring**

It is intended that the 12 credits will serve as electives and thus be included in the credits required for completing the degree program. Note that the year in which the course should be taken is general guidance for all in the MCH Specialization, but only required of CEMCH Leaders.

The following pages describe in more detail the potential course of study for the different programs within the school. Please discuss your plans with your Student Success Advisor or your Faculty Advisor, as your specific circumstances may be different. Further questions may be directed to Dr. Shokufeh Ramirez (sramirez@tulane.edu).

MPH in Epidemiology
With MCH Specialization
 Model Course Schedule
 Fall 2025 Entry

FALL		
EPID 6230	Computer Packages for Epidemiology	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		13
SPRING		
SPHL 6020	Foundations in Public Health	3
EPID 7120	Epidemiologic Methods II	3
SPHL 6080	Design Strategies in Public Health Programs	3
EPID 6480	Reproductive epidemiology	3
Semester total		12
SUMMER		
SPHL 9980	Applied Practice Experience	1
SPHL 6070	Health Systems Policy, & Management	3
Semester total		4
FALL		
EPID 7130	Observational Epidemiology	3
EPID 7160	Survey Methodology	3
BIOS 6040	Intermediate Biostatistics	3
Semester total		9
SPRING		
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
SPHL 7950	Integrative Learning Experience	1
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
Semester total		7
Total number of credits required for MPH in Epidemiology with MCH Specialization		45

BSPH/MPH in Epidemiology
With MCH Specialization
 Model Course Schedule
 Fall 2025 Entry

Senior Year of BSPH		
SPHL 6070	Health Systems, Policy, & Management	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6080	Design Strategies for Public Health Programs	3
Semester total		12

MPH		
FALL		
EPID 6230	Computer Packages for Epidemiology	3
EPID 7120	Epidemiologic Methods II	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		10

SPRING		
BIOS 6040	Intermediate Biostatistics	3
EPID 6480	Reproductive epidemiology	3
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
Semester total		12

SUMMER		
SPHL 9980	Applied Practice Experience	1
Semester total		1

FALL		
EPID 7130	Observational Epidemiology	3
EPID 7160	Survey Methodology	3
SPHL 7950	Integrative Learning Experience	1
Semester total		7

Total number of credits required for BSPH/MPH in Epidemiology with MCH Specialization **45**

MPH in Health Policy
With MCH Specialization
 Model Course Schedule
 Fall 2025 Entry

FALL		
SPHL 6050	Biostatistics for Public Health	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6070	Health Systems, Policy, & Management	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		13
SPRING		
SPHL 6060	Epidemiology for Public Health	3
SPHL 6080	Design Strategies for Public Health Programs	3
HPAM 7660	Health Policy Analysis	3
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
Semester total		12
SUMMER		
SPHL 9980	Applied Practice Experience (250 hr Practicum – may be completed at another time during year)	1
SPHL 6020	Foundations in Public Health	3
Semester total		4
FALL		
HPAM 6450	Health Economics	3
HPAM 7740	Economic Evaluation and Modeling	3
IHSD 6870	Adolescent Health Policies and Programs	3
Semester total		9
SPRING		
HPAM 7100	Population Health Analytics	3
HPAM 7800	Capstone in Health Policy	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
SPHL 7950	Integrative Learning Experience	1
Semester total		10
Total number of credits required for MPH in Health Policy with MCH Specialization		48*

*Note: the additional 3-credits beyond the 45-credit MPH is charged in the same way as other credits

BSPH/MPH in Health Policy
With MCH Specialization
 Model Course Schedule
 Fall 2025 Entry

Senior Year of BSPH		
SPHL 6070	Health Systems, Policy, & Management	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6080	Design Strategies for Public Health Programs	3
	Semester total	12
MPH		
FALL		
HPAM 6450	Health Economics	3
HPAM 6210	Health Care Law & Regulation	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
IHSD 6870	Adolescent Health Policies and Programs	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
	Semester total	13
SPRING		
HPAM 7660	Health Policy Analysis	3
HPAM 7100	Population Health Analytics	3
SBPS 6490 or	Key Policies & Programs in MCH or	
IHSD 6760	International Family Planning: Policies and Programs	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
	Semester total	12
SUMMER		
SPHL 9980	Applied Practice Experience (250 hr Practicum – may be completed at another time during year)	1
	Semester total	1
FALL		
HPAM 7740	Economic Evaluation and Modeling	3
HPAM 7800	Capstone in Health Policy	3
SPHL 7950	Integrative Learning Experience	1
	Semester total	7
Total number of credits required for BSPH/MPH in Health Policy with MCH Specialization		45

MPH in International Health and Sustainable Development

With MCH Specialization

Model Course Schedule

Fall 2025 Entry

FALL		
SPHL 6050	Biostatistics for Public Health	3
SPHL 6080	Design Strategies for Public Health Programs	3
IHSD 6240	Health and Sustainable Development in a Changing World	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		13

SPRING		
SPHL 6020	Foundations in Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SBPS 6030	Social and Behavioral Aspects of Health	3
IHSD 6300	Monitoring of Global Health Programs	3
Semester total		12

SUMMER		
SPHL 9980	Applied Practice Experience (Practicum – may be completed at another time during year)	1
SPHL 6070	Health Systems Policy, & Management	3
Semester total		4

FALL		
IHSD 6870	Adolescent Health Policies and Programs	3
Elective	Elective	3
Semester total		6

SPRING		
IHSD 6200	Evaluation of Program Interventions in Global Health*	3
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
SPHL 7950	Integrative Learning Experience	1
Semester total		10

Total number of credits required for MPH in IHSD with MCH Specialization 45

*For students who are in the MCH Specialization but not in CEMCH Leaders program, IHSD 6200 should be taken in Spring 1 instead.

BSPH/MPH in International Health and Sustainable Development**With MCH Specialization**

Model Course Schedule

Fall 2025 Entry

Senior Year of BSPH		
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6070	Health Systems, Policy, & Management	3
SPHL 6080	Design Strategies for Public Health Programs	3
Semester total		12
MPH		
FALL		
SBPS 6030	Social and Behavioral Aspects of Health	3
IHSD 6240	Health and Sustainable Development in a Changing World	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		10
SPRING		
IHSD 6300	Monitoring of Global Health Programs	3
IHSD 6200	Evaluation of Program Interventions in Global Health	3
SBPS 6490 or IHSD 6760 SBPS 7510	Key Policies & Programs in MCH or International Family Planning: Policies and Programs Maternal and Child Health: The Life Course Perspective	3 3 3
Semester total		12
SUMMER		
SPHL 9980	Applied Practice Experience	1
Semester total		1
FALL		
IHSD 6870	Adolescent Health Policies and Programs	3
Elective	Elective	3
Elective	Elective	3
SPHL 7950	Integrative Learning Experience	1
Semester total		10
Total number of credits required for BSPH/MPH in IHSD with MCH Specialization		45

MPH in Social, Behavioral, and Population Sciences**With MCH Specialization**

Model Course Schedule

Fall 2025 Entry

FALL		
SBPS 6030	Social and Behavioral Aspects of Health	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6080	Design Strategies for Public Health Programs	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		13
SPRING		
SPHL 6020	Foundations in Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6100	Health Equity	3
SBPS 6340	Monitoring and Evaluation of Health Programs	3
Semester total		12
SUMMER		
SPHL 9980	Applied Practice Experience (Practicum – may be completed at another time during year)	1
SPHL 6070	Health Systems Policy, & Management	3
Semester total		4
FALL		
SBPS 7250	Evidence-Based Research Methods in Social and Behavioral Sciences	3
SBPS 7220	Community Organization: Community Work for Social Justice	3
IHSD 6870	Adolescent Health Policies and Programs	3
Semester total		9
SPRING		
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
SPHL 7950	Integrative Learning Experience	1
Semester total		7
Total number of credits required for MPH in SBPS with MCH Specialization		45

BSPH/MPH in Social, Behavioral, and Population Sciences**With MCH Specialization**

Model Course Schedule

Fall 2025 Entry

Senior Year of BSPH		
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6070	Health Systems, Policy, & Management	3
SPHL 6080	Design Strategies for Public Health Programs	3
Semester total		12
MPH		
FALL		
SBPS 6030	Social and Behavioral Aspects of Health	3
SPHL 6100	Health Equity	3
SBPS 6340	Monitoring and Evaluation of Health Programs	3
SPHL 6510	Essential Issues in Maternal and Child Health	3
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
Semester total		13
SPRING		
SBPS 7250	Evidence-Based Research Methods in Social and Behavioral Sciences	3
SBPS 6490 or IHSD 6760	Key Policies & Programs in MCH or International Family Planning: Policies and Programs	3
SBPS 7510	Maternal and Child Health: The Life Course Perspective	3
MCH Selective #2	SBPS 6460 or EPID 6480 or IHSD 7210	
Semester total		12
SUMMER		
SPHL 9980	Applied Practice Experience (Practicum – may be completed at another time during year)	1
Semester total		1
FALL		
SBPS 7220	Community Organization: Community Work for Social Justice	3
SPHL 7950	Integrative Learning Experience	1
Semester total		4
Total number of credits required for BSPH/MPH in SBPS with MCH Specialization		45