

Now that you've looked at the list of core competencies, how will you address them while in the MCH program? MCH faculty and students have a few suggestions below for your consideration. Have more ideas? Email us: mchprog@u.washington.edu.

MCH Competencies	Core Courses	Electives and Other Suggestions
A. Scientific Basis		
Describe MCH problems in terms of time, magnitude/severity, scope, dispersion/location, and co – occurrence/co – morbidity.	EPI 512: Epidemiologic Methods I EPI 513: Epidemiologic Methods II HSERV 542: Topics in Maternal and Child Health II HSERV 541: Topics in Maternal and Child Health I	Thesis: <i>You will put this into practice for your thesis as part of developing your Background/Significance section.</i> Practicum: <i>Perform a literature review or assist with data collection or analysis.</i>
Identify the scientific underpinnings and determine the validity of evidence for interventions addressing MCH problems.	EPI 512: Epidemiologic Methods I - <i>Provides the epidemiological basis for determining validity of evidence.</i> HSERV 542: Topics in Maternal and Child Health II <i>Walks you through this process as you critically read papers.</i>	HSERV 522: Health Program Evaluation
Apply knowledge of demographic, health, familial, socio – cultural, and community factors to the design of MCH programs and services.	HSERV 541: Topics in Maternal and Child Health I	HSERV 571: Cultural Competency for Public Health Practice – <i>Learn Community Based Participatory Research (CBPR) principles for work with diverse communities.</i>
Critically analyze inequities in health status based on race, class, and gender.	HSERV 510: Society and Health – <i>In his module, Dave Grembowski reviews social determinants of health.</i>	SW 511: Practice II: Intermediate Direct Service Practice SW 504: Social Work for Social Justice

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B. Methodological and analytic skills		
Prepare and interpret data from vital statistics, censuses, surveys, service utilization, and other relevant reports on the health of MCH populations, and have the ability to detect meaningful inferences from data and the translation into information.	EPI 512: Epidemiologic Methods I EPI 513: Epidemiologic Methods II HSERV 542: Topics in Maternal and Child Health II. BIOST 512: Medical Biometry II – <i>Linear regression and how to interpret your findings into statements about the data.</i>	Thesis: An analytic thesis will also put these skills into practice. Practicum: An analytic practicum project will help you apply skills learned in class.
Ability to conceptualize and appropriately use data and statistical/epidemiological methods for problem and asset identification, assessment, program planning, implementation, and evaluation.	HSERV 543: Topics in Maternal and Child Health III – <i>Covers methods for choosing targets for evaluation.</i> EPI 513: Epidemiologic Methods II – <i>Puts the methods learned in Methods I into use to analyze problems.</i>	HSERV 522: Health Program Evaluation Thesis: <i>Practice this with a program evaluation thesis.</i> Practicum: <i>Apply these skills working with a program evaluation project.</i>
10. Formulate hypotheses or research questions, develop and implement an analytic strategy.	BIOST 512: Medical Biometry II – <i>Focused on how to develop analysis plans, and interpret data based on hypotheses.</i>	Thesis: <i>Apply these skills as you develop your thesis project.</i>
Evaluate the integrity and comparability of data and identify existing gaps.	EPI 512: Epidemiologic Methods II HSERV 542: Topics in Maternal and Child Health II – <i>Do this in the literature review project assignment.</i> MCH Seminar: <i>Watch and practice this process during student presentations.</i>	Thesis: <i>Put this into practice as you prepare your literature review and thesis proposal.</i>

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C. Management and Communication Skills		
Apply knowledge of management and organizational theories and practices to the development, planning, staffing, administration, and evaluation of public health programs, including the implementation of strategies promoting integrated service systems for MCH populations.	HSMGMT 560B: Management Practice in Health Care and Public Health Organizations	
Develop mechanisms to monitor and evaluate programs and service networks for their effectiveness and quality, including the use of performance measures.	HSERV 543: Topics in Maternal and Child Health III – <i>Develop a conceptual model to guide evaluation.</i>	HSERV 522: Health Program Evaluation
Develop, justify, and present a budget.		
Develop the background and significance section of a grant application and/or develop the rationale for a program or intervention, incorporating scientific, methodological, and practice knowledge and skills as appropriate.	HSERV 542: Topics in Maternal and Child Health II – <i>Students conduct a literature review, to develop background on a health topic.</i>	Thesis: <i>Students prepare a background and significance section for their research project.</i> HSERV 510: Society and Health – <i>As part of her module, Deb Bowen requires writing a grant.</i> HSERV 581: Strategies of Health promotion – <i>Class project of writing a grant for a health promotion intervention.</i>

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D. Policy and Advocacy Skills		
Identify essential gaps in existing MCH programs and implement appropriate policy and advocacy measures to assure optimal care.	HSERV 541: Topics in Maternal and Child Health I – <i>Advocacy lecture.</i>	Advocacy: <i>Volunteer with local organizations! Many health organizations engage in advocacy and are happy to have volunteers.</i>
Identify public health laws, regulations, and policies related to specific programs.		SOCW 598: Integrative Seminar (Amidei – Policy Seminar series) – <i>Great series to investigate local, state, and federal health policy and advocacy.</i>
Place a maternal and child health program within the historical and current context of related programs.	HSERV 541: Topics in Maternal and Child Health I	
Collect and summarize data relevant to a particular policy/problem: articulate the health, fiscal, administrative, legal, social, and political implications of each policy option.		HSERV 551: Health Law
State the feasibility and expected outcomes of and barriers to achieving each policy option and decide on the appropriate course of action.		HSERV 551: Health Law
Write a clear and concise policy statement position paper, and/or testimony appropriate for a specific audience.	HSERV 541: Topics in Maternal and Child Health I - <i>Practice this in one class assignment.</i>	Practicum: <i>Put these skills into practice with your practicum! Working with local organizations to create policy documents can help you learn these skills in the field.</i>

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Translate policy into organizational plans, structures, and programs.	HSERV 543: Topics in Maternal and Child Health III.	
E. Values and Ethics in MCH Public Health Practice		
Ethical conduct in practice, program management, research, and data collection and storage.	MCH Seminar: <i>Lecture on IRB and human subjects review</i> HSERV 541: Topics in Maternal and Child Health I – <i>lecture on ethics</i>	Thesis: <i>Put these concepts into practice in study design, data collection, and IRB approval.</i>
Promotion of cultural competence concepts within diverse MCH settings.	HSERV 541: Topics in Maternal and Child Health I	HSERV 571: Cultural Competency for Public Health Practice – <i>putting cultural competency into practice for direct service, research, and program implementation and management.</i>
Ability to build partnerships within MCH communities and constituencies to foster community empowerment, reciprocal learning and involvement in design, implementation, and research aspects of MCH programs and systems.		NUTR 531: Community Nutrition – <i>Great guest speakers, direct work with community organizations and clients.</i> HSERV 572: Community Development for Health (Hagopian) - <i>Guest speakers, gain experience working with communities.</i> LEND Seminar – MCH All Program Seminar: http://depts.washington.edu/lend/training/html Thesis: <i>Develop and maintain partnerships as you negotiate data collection and use.</i> Volunteer: <i>Volunteer with local organizations! Opportunities are announced on departmental and program listservs. Class speakers and professors can help you get involved with community organizations.</i> <i>Try: CAIR Project Hotline www.cairproject.org)</i>

