**BIOBEHAVIORAL HEALTH (BBH)**

BBH 501: Biobehavioral Systems in Health and Development: Theory and Processes

3 Credits

Examination of theories and basic processes for understanding individuals as dynamic biobehavioral complex systems functioning through continual interactions. BBH 501 is a Biobehavioral Systems in Health and Development: Theory and Processes prerequisite.

Prerequisite: BBH 501

BBH 502: Health: Biobehavioral Perspectives

3 Credits

Introduction to the role of psychology in maintaining health and in treating nonpsychiatric disorders.

Cross-listed with: PSY 502

BBH 503: Biobehavioral Systems in Health and Development: Processes and Integration

3 Credits

Examination and integration of basic processes for understanding individuals as dynamic biobehavioral complex systems functioning through continual interactions. BBH 503 is a Biobehavioral Systems in Health and Development: Processes and Integration prerequisite.

Prerequisite: BBH 501 or concurrent: BBH 501

BBH 504: Behavioral Health Research Strategies

3 Credits

Evaluation of intervention strategies from a biobehavioral health context. Theories of change processes as they pertain to health are analyzed.

Prerequisite: BBH 502, BBH 503

BBH 505: Behavioral Health Research Strategies

3 Credits

Research strategies in behavioral health investigations are examined. Designs and data analytic models relevant to biobehavioral research are included.
Prerequisite: coursework in research design and/or introductory statistics

BBH 521: Structural Equation Modeling
3 Credits
Structural Equation Modeling with LISREL and Amos. Confirmatory factor analysis; regression and path analysis with manifest/latent variables; special applications.

Prerequisite: HD FS519, HD FS526

BBH 551: World Health Promotion
3 Credits
Analysis of the various health problems that affect humans throughout the world; emphasis will be placed on personal health issues.

BBH 552: Child Maltreatment: Developmental Processes and Biological Embedding
3 Credits
The purpose of this course is to review the breadth of literature on the biological and developmental impact of child maltreatment including sexual abuse, physical abuse, and neglect on youth victims. Students will learn how to integrate child maltreatment research into a relevant, cohesive framework for understanding child maltreatment’s wide-reaching effects. The biological focus of the course will be on the health consequences of child maltreatment as well as the neurological, neuroendocrine, and genetic embedding of child maltreatment. The course will also focus on the developmental antecedents and sequelae of child maltreatment through childhood, adolescence, and the transition to adulthood, including addressing how intergenerational transmission, parenting, interpersonal relationships, and attachment are associated with exposure to child maltreatment.

BBH 553: Child Maltreatment: Policy, Administrative Data Systems, Prevention, and Treatment
3 Credits
The course will provide an overview of the major components of the child welfare system (e.g., child protection, family court, foster care, congregate care) involved in the community response to child maltreatment and promote a critical analysis of key federal policies that guide system activities. Course participants will also become familiar with Federal, state, and community data systems, and with methods to develop integrated data systems and their relevance to evaluating system outcomes and policy effects related to the child welfare system. Next, the course will give an overview of a range of experimental, quasi-experimental, and observational research designs and analytic methods relevant to evaluating the effects of child welfare policies and practices on child and family outcomes related to child maltreatment and system involvement. Finally, class participants will apply course content to develop applied research proposals that leverage administrative data for systems research and examine methods for communicating research findings to impact policy and practice at the community and federal levels. This course will also provide an in-depth examination of the major behavioral interventions, both preventive and treatment, applied with the child maltreatment population. Students will first be given an overview of the philosophy of science and experimental methods used to establish behavioral interventions for child maltreatment. From there, students will review emerging paradigms within national funding agencies that focus on identifying and targeting mechanisms to optimize intervention effects.

BBH 590: Colloquium
1-3 Credits/Maximum of 3
Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

BBH 596: Individual Studies
1-9 Credits/Maximum of 9
Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.

BBH 597: Special Topics
1-9 Credits/Maximum of 9
Formal courses given on a topical or special interest subject which may be offered infrequently.

BBH 600: Thesis Research
1-15 Credits/Maximum of 999
No description.

BBH 601: Ph.D. Dissertation Full-Time
0 Credits/Maximum of 999
No description.

BBH 602: Supervised Experience In College Teaching
1-3 Credits/Maximum of 3
No description.

BBH 610: Thesis Research Off-Campus
1-15 Credits/Maximum of 999
No description.

BBH 611: Ph.D. Dissertation Part-Time
0 Credits/Maximum of 999
No description.