

SOCIAL AND BEHAVIORAL SCIENCES (SBS)

SBS 50002 QUANTITATIVE METHODS IN SOCIAL AND BEHAVIORAL SCIENCES 3 Credit Hours

Introduces basic quantitative methods used in social and behavioral scientific research. First we focus on the measurement of socio-behavioral phenomena and the relationship between measurement and statistics. Next, we examine the interrelated roles of scientific theory and the design of socio-behavioral research studies. Last, we focus on building appropriate multiple linear regression and or analysis of variance statistical models to provide valid analysis of data collected in socio-behavioral research.

Prerequisite: BST 52019; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 50020 SOCIAL AND BEHAVIORAL SCIENCE THEORIES 3 Credit Hours

Examines fundamental social and behavioral science theoretical frameworks that explain health behaviors with an emphasis on application through universal prevention approaches to inform both research and program evaluation designs.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 50030 SEMINAR IN SOCIAL AND BEHAVIOR SCIENCES 3 Credit Hours

Explores case studies in the social and behavioral sciences on topics that address the leading health indicators including substance use (alcohol, tobacco and other drugs), obesity (physical activity and nutrition), HIV and STIs, mental health, injury, immunization and access to health care, and social determinants of health.

Prerequisite: Graduate standing.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

SBS 50196 INDIVIDUAL INVESTIGATION IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

(Repeatable for credit) Individual graduate investigation or research in areas related to social and behavioral sciences.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Individual Investigation

Contact Hours: 1-3 other

Grade Mode: Standard Letter-IP

SBS 53008 GRANT WRITING IN SOCIAL AND BEHAVIORAL SCIENCES 3 Credit Hours

Students learn the basics of grant writing for federal and non-federal funding agencies with a particular emphasis on the components of most proposals for funding. This includes rationale for seeking funds, collaborations with community organizations, and working with consultants and subcontractors. Participants also learn about the basic sections of grant writing such as specific aims and hypotheses, developing a literature review, background and significance, research design and methodology, developing a budget and conducting research with human subjects. Participants have an opportunity to write sample grant proposals, learn about the review and scoring process and post-award grant management.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 54634 SOCIAL DETERMINANTS OF HEALTH BEHAVIORS 3 Credit Hours

Overviews the social determinants of health and the dynamic interplay between individual behaviors and community structures (systems orientation) including public policy, social and built environments, commercial messages, access to services, cultural norms, psychosocial hazards, and poverty both as causal effects that either provide opportunity or constraints to health. Also examines systems approaches to preventing public health threats from issues including substance use (alcohol, tobacco and other drugs), physical inactivity, poor dietary practices, unsafe sexual behaviors, violence and injury, and mental health.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 54700 COMMUNITY-BASED SUBSTANCE ABUSE PREVENTION FOR PUBLIC HEALTH PROFESSIONALS 3 Credit Hours

This course focuses on prevention science and its application to prevention implementation. It is the first of a series of curricula courses we plan to offer on drug abuse prevention; these courses will add to the elective courses for master's level students in the College of Public Health. This course will be the "core" of this series—that is, students will be required to complete this course before they take another course in the series. The core course (Community –Based Substance Abuse Prevention) provides foundational knowledge for substance abuse prevention. The other courses in the series focus on prevention in specific contexts (e.g., school-based, workplace, media based, etc.). The course will enhance the knowledge and skills of public health professionals to enable them to implement evidence-based substance use prevention interventions and policies. Primary emphasis is on evidence-based interventions and policies and on implementation quality and sustainability.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 54701 COMMUNITY-BASED PUBLIC HEALTH IMPLEMENTATION SYSTEMS 3 Credit Hours

This course focuses on Public Health prevention science and its application to the implementation of substance use interventions. The content focuses on community systems for addressing substance use problems that affect whole communities. These community systems incorporate evidence-based prevention interventions at various levels of influence within a socio-ecological perspective. Students will examine the development of community organizations that come together to address specific problems, and how they network and integrate with existing organizations that provide community services. The content draws from the International Standards on Drug Use Prevention that were published by the United Nations Office on Drugs and Crime (2013; 2015) and the European Drug Prevention Quality Standards published by the European Monitoring Centre on Drugs and Drug Addiction (2011). Primary emphasis is on evidence-based interventions and policies and on implementation quality and sustainability.

Prerequisite: SBS 54700; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 60020 PROGRAM EVALUATION II: APPLICATION IN THE REAL WORLD 3 Credit Hours

This course provides students with a more in-depth examination of program evaluation for Public Health professionals and the opportunity to apply their evaluation knowledge and skills to an existing health intervention. The content will delve deeply into formative and summative evaluation—including theoretical underpinnings, professional standards, research design and data collection and analysis. Students will be required to apply this knowledge to a selected program and produce an evaluation proposal acceptable for submission to a funding agency.

Prerequisite: HPM 53011; and graduate standing.

Schedule Type: Seminar

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 60030 CODING FOR QUALITATIVE RESEARCH 1 Credit Hour

(Slashed with SBS 80030) The purpose of this course is to provide students with a brief but thorough overview of the basic process of coding text-based, unstructured data for qualitative research projects. Focus is on coding for descriptive or basic qualitative research.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 15 lecture

Grade Mode: Standard Letter

SBS 60040 TRANSCRIBING INDIVIDUAL AND GROUP INTERVIEWS FOR QUALITATIVE RESEARCH 1 Credit Hour

(Slashed with SBS 80040) The purpose of this course is to provide students an overview of, and applied practice in transcribing audio-recorded interview data as preparation for qualitative analysis techniques.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 15 lecture

Grade Mode: Standard Letter

SBS 60191 VARIABLE CONTENT SEMINAR IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

(Repeatable for a maximum of 6 credit hours) Seminar on current and important topics in social and behavioral sciences. Subject matter varies depending on the topic.

Prerequisite: Graduate standing.

Schedule Type: Seminar

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

SBS 60192 PRACTICUM EXPERIENCE IN SOCIAL AND BEHAVIORAL SCIENCES 3,6 Credit Hours

Observational and participation in public health activities of a public health agency, hospital or other approved organization. The student completes the field experience with joint supervision from the university and approved organization or agency.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Practical Experience

Contact Hours: 9-18 other

Grade Mode: Satisfactory/Unsatisfactory-IP

SBS 60195 SPECIAL TOPICS IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

(Repeatable for a maximum of 6 credit hours) Special topics to sample new offerings on topics in social and behavioral sciences.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

SBS 63010 QUALITATIVE METHODS FOR PUBLIC HEALTH RESEARCH 3 Credit Hours

(Slashed with 83010) In this course, students will be guided through exploration of the uses and value of qualitative approaches to research with humans through a combination of resource review and guided applied practice. Students will be provided with information about various methodologies that comprise qualitative inquiry, and will engage in practice efforts to analyze provided data, and to assess the quality of research reports.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 63011 QUALITATIVE DATA ANALYSIS 3 Credit Hours

(Slashed with SBS 83011) Students will be introduced to the process and goals of qualitative data analysis relevant to research design and study purpose, and will be provided opportunities to conduct coding and other types of analysis of qualitative data using both computer assisted and manual processes. Students will focus on descriptive or generic approaches for both qualitative and mixed methods research. Students will additionally learn about and be provided opportunities for guided practice in quality control measures that include creation of an audit trail, 'member checking,' composition of analytic memos, and other forms of researcher initiated documentation.

Prerequisite: SBS 63010 or special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 73018 THEORIES OF PREVENTION SCIENCE I 3 Credit Hours
Provides a background and theoretical review of prevention science as a multi-disciplinary field focusing on systematic inquiry on health behaviors including substance use (alcohol, tobacco and other drugs), physical activity, dietary practices, mental health, violence and injury, and sexual behaviors.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 73019 THEORY PREVENTION SCIENCE II 3 Credit Hours

This course examines the methods used by prevention science researchers to determine the effectiveness of public health programs. Focus is on advanced formative, process, impact and outcome evaluation methods. Qualitative and quantitative analysis techniques used for assessing program process and effects are discussed in the context of research evaluation.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 73020 ADVANCED METHODS IN PREVENTION SCIENCE 3 Credit Hours

Focuses primarily on advanced quantitative methods in the application of prevention science.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 80020 PROGRAM EVALUATION II: APPLICATION IN THE REAL WORLD 3 Credit Hours

This course provides students with a more in-depth examination of program evaluation for Public Health professionals and the opportunity to apply their evaluation knowledge and skills to an existing health intervention. The content will delve deeply into formative and summative evaluation—including theoretical underpinnings, professional standards, measurement, research design and data collection and analysis. Students will be required to apply this knowledge to a selected program and produce an evaluation proposal acceptable for submission to a funding agency.

Prerequisite: HPM 53011.

Schedule Type: Seminar

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 80030 CODING FOR QUALITATIVE RESEARCH 1 Credit Hour

(Slashed with SBS 60030) The purpose of this course is to provide students with a brief but thorough overview of the basic process of coding text-based, unstructured data for qualitative research projects. Focus is on coding for descriptive or basic qualitative research; other methodologies are reviewed based on student needs.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 15 lecture

Grade Mode: Standard Letter

SBS 80040 TRANSCRIBING INDIVIDUAL AND GROUP INTERVIEWS FOR QUALITATIVE RESEARCH 1 Credit Hour

(Slashed with SBS 60040) The purpose of this course is to provide students an overview of, and applied practice in transcribing audio-recorded interview data as preparation for qualitative analysis techniques, using both content-focused and conversation-analytic approaches.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 15 lecture

Grade Mode: Standard Letter

SBS 80100 EMERGING ISSUES IN PREVENTION SCIENCE 3 Credit Hours

Survey of relevant challenges and issues facing prevention science researchers.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 80191 VARIABLE CONTENT SEMINAR IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

(Repeatable for a maximum of 6 credit hours) Seminar on current and important topics in social and behavioral sciences. Subject matter varies depending on the topic.

Prerequisite: Doctoral standing.

Schedule Type: Seminar

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

SBS 80195 SPECIAL TOPICS IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

(Repeatable for a maximum of 6 credit hours) Special topics to sample new offerings on topics in social and behavioral sciences.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

SBS 80196 INDIVIDUAL INVESTIGATION IN SOCIAL AND BEHAVIORAL SCIENCES 1-3 Credit Hours

Individual graduate investigation or research in areas related to social and behavioral sciences.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Individual Investigation

Contact Hours: 3-9 other

Grade Mode: Standard Letter-IP

SBS 80198 DIRECTED RESEARCH IN PREVENTION SCIENCE 1-15 Credit Hours

(Repeatable for credit) Directed research or individual investigation for doctoral students.

Prerequisite: Doctoral standing.

Schedule Type: Research

Contact Hours: 1-15 other

Grade Mode: Standard Letter

SBS 80199 DISSERTATION I 15 Credit Hours

(Repeatable for credit) Registration for two semesters required, first semester dissertation work begins and continues until completion of Dissertation II and 30 hours of total dissertation work.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Dissertation

Contact Hours: 15 other

Grade Mode: Satisfactory/Unsatisfactory-IP

SBS 80299 DISSERTATION II 15 Credit Hours

(Repeatable for credit) Second course of dissertation sequence completing requirement of with 30 total hours of dissertation work.

Prerequisite: SBS 80199; and special approval.

Schedule Type: Dissertation

Contact Hours: 15 other

Grade Mode: Satisfactory/Unsatisfactory-IP

**SBS 83010 QUALITATIVE METHODS FOR PUBLIC HEALTH RESEARCH
3 Credit Hours**

(Slashed with SBS 63010) In this course, students will be guided through exploration of the uses and value of qualitative approaches to research with humans through a combination of resource review and applied practice. Students will be provided with information about various methodologies that comprise qualitative inquiry, and will engage in practice efforts to gather, process, and analyze data, and to assess the quality of research reports.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

SBS 83011 QUALITATIVE DATA ANALYSIS 3 Credit Hours

(Slashed with SBS 63011) Students will be introduced to the process and goals of qualitative data analysis relevant to research design and study purpose, and will be provided opportunities to conduct coding and other types of analysis of qualitative data using both computer assisted and manual processes. Qualitative approaches potentially considered in this course include grounded theory, phenomenology, descriptive or generic approaches, content analysis, mixed methods, and others depending on needs and interests of students in the class. Students will additionally learn about and practice quality control measures that include creation of an audit trail, 'member checking,' composition of analytic memos, and other forms of researcher initiated documentation.

Prerequisite: SBS 83010 or special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter