HS A690: One Health: An Integrated Approach (3 Credits)
Faculty: Dr. Nancy Nix

This 5-week course (during the second half of the semester) focuses on the One Health concept, exploring the interconnectedness of human medicine, veterinary medicine, public health, and ecosystems. Issues of increasing globalization, ecological disruptions and changing ecosystems as well as popular natural diets, food safety, livestock production, homesteading, and companion animals and pets will be addressed. With the current challenges and complex nature of emerging and re-emerging diseases and health issues, interdisciplinary and collaborative actions contribute to innovative solutions.

HS A690: Health Communication in the Popular Media (3 Credits)
Health Communication in the Popular Media (3 Credits)
Faculty: Dr. Gabriel Garcia.

This course discusses how popular media influences health, how research is conducted on this issue, and how health professionals can use or influence popular media to make it healthier, and to make populations who use it healthier. Popular media examined include entertainment programming, journalism, advertising media, the arts, and newer digital and web-based video games and social media. This course examines how people use media, how health issues are portrayed in media, and how media utilization and exposure to media content impact audiences with regard to selected issues. This course then allows students to apply what they learned about media utilization, content, and effects to develop their own plan for a media literacy, media advocacy, entertainment education, social media, arts and education, or background research and write up for a health journalism article.

HS A690: Public Health Ethics (3 Credits)
Faculty: Dr. Rhonda Johnson

This online five week course (during the second summer session) will provide an overview of the broad field of public health ethics, and opportunity to apply ethical principles and standards in an individual project. Consistent with national expectations in public health ethics education, it will include content from the following areas: tradition, profession and values in public health; legacy of the Tuskegee Syphilis and Havasupai Genetics studies; ethics in public health, public health research and practice in international settings-special ethical concerns; community-based practice and research: collaboration and sharing power; ethics and infectious disease control; ethics of health promotion and disease prevention; ethical issues in environmental and occupational health; public health genetics; and public health and health system reform.
HS A690: GIS and Public Health (3 Credits)
Faculty: Dr. Philippe Amstislavski.

This is a **five week course**. Increasingly, public health researchers and local communities throughout the world are using a range of cartographic tools and technologies to depict the complex set of relationships between human health, place, and the environment. These advances in mapping global health were made possible due to significant progress of geographic information technologies (GIT) involving global positioning systems (GPS), remote sensing (RS), and particularly, geographic information systems (GIS). The course imbeds learning how to use GIS software in the context of carrying out projects for visualizing and analyzing health-related data. Each week includes a theory and methods session and computer lab that focuses on a health issue and uses ArcGIS software to analyze data or solve a problem. During the course students will complete two independent projects that utilize the material learned in the class sessions to explore the potential of applying spatial tools and methods to problems relevant to questions particular to their interests in the broader realm of public health. By the end of the course, students will have sufficient background so that they can become proficient users of GIS - building, managing, and using Geographic Information Systems to map and analyze health-related spatial data.

HS A690: Social Change Marketing in Public Health (3 Credits)
Faculty: Dr. Kathy Anderson

This 10-week online course will teach the theory and practice of Social Marketing, or Social Change Marketing, which is a dynamic and widely-used framework for developing behavioral change interventions that benefit individuals and communities for the greater social good. Social marketing is broader than health communication, as it emphasizes development of an active environment for change in addition to education. Originally based on principles of commercial marketing, social marketing has evolved into a broad framework that includes both upstream (e.g., advocacy and regulatory/legislative approaches) and downstream (direct work with priority audiences) components. It has been used worldwide to tackle health-oriented behavioral changes such as use of anti-malarial mosquito netting, increased physical activity, condom use, cancer screenings, recycling, and smoking cessation. Healthy People 2020 calls for additional education in Social Marketing within degree programs and in public health organizations. Course includes both theoretical and practical aspects of Social Marketing.

HS A690: Disability and Public Health (3 Credits)
Faculty: Dr. Jenny Miller

This course will examine disability issues in the context of public health programs and policies. The course will explore measures of population health and social determinants of health among individuals with disabilities. With activities such as film review, case studies and journal article critiques, the course will integrate an interdisciplinary, Alaskan perspective regarding access to services and programs among people with disabilities. Students will apply public health principles to create health promotion initiatives for individuals who experience disabilities.