### PUBLIC HEALTH (HEA)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEA 113</td>
<td>Medical Terminology for Public Health Professionals</td>
<td>3</td>
<td>An examination of medical terminology with an emphasis on terms related to prevention, diagnosis, and treatment of acute and chronic health conditions.</td>
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<tr>
<td>HEA 201</td>
<td>Personal Health</td>
<td>3</td>
<td>Study of determinants of healthful and safe living for various age groups; emphasis on analyses and interpretations of research methods and findings within a social ecological conceptual framework. GE Core: GSB. Notes: Fulfills teacher licensure requirements. Elective for all others.</td>
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<tr>
<td>HEA 202</td>
<td>Introduction to Peer Health Education</td>
<td>3</td>
<td>Study of health issues integrating methods of peer education, preparing students through experiential learning to serve the university community as peer educators. Four tracts: sexual health; alcohol and other drugs; wellness; diversity. Prerequisites: Freshman or Sophomore standing.</td>
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<tr>
<td>HEA 203</td>
<td>Peer Health Education: Selected Topics</td>
<td>1</td>
<td>Continued study in one of four tracts of health topics: sexual health, alcohol and other drugs; wellness; diversity. Students utilize and demonstrate methods of peer health education. Prerequisites: HEA 202. Notes: May be repeated twice for a total of three (3) credits.</td>
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<tr>
<td>HEA 207</td>
<td>International Health</td>
<td>3</td>
<td>Study of international health: health care, conditions, and disease in industrialized and non-industrialized nations; public health and health education approaches to prevention of problems causing morbidity and mortality.</td>
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<tr>
<td>HEA 231</td>
<td>Athlete Health and Sport Performance</td>
<td>3</td>
<td>This course will address the prevention of acute and chronic effects of health issues on athlete health and sport performance within various socio-ecological systems that athletes operate within.</td>
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<tr>
<td>HEA 236</td>
<td>First Aid</td>
<td>1</td>
<td>American Red Cross Standard First Aid Course leading to certification for those who qualify. Notes: Students may not take both HEA 236 and HEA 338 for credit.</td>
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<tr>
<td>HEA 260</td>
<td>Human Sexuality</td>
<td>3</td>
<td>Study of psychosocial, biological, cultural, and developmental research aspects of human sexuality emphasizing methods of sexuality research, relationships, gender issues, intimacy, sexual response, reproduction, exploitation, and dysfunctions. GE Core: GSB.</td>
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<tr>
<td>HEA 305</td>
<td>Topics in Chronic Disease</td>
<td>1</td>
<td>Public education approach to the study of chronic diseases includes discussion of epidemiology, risk and protective factors, and health intervention approaches.</td>
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<tr>
<td>HEA 307</td>
<td>Global Health</td>
<td>3</td>
<td>Study of disease burden and health systems in high-, middle-, and low-income countries. Emphasis on challenges and public health and entrepreneurial approaches to improvements in resource-constrained and emerging nations. GE Marker: GN. Notes: Same as ENT 307.</td>
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<tr>
<td>HEA 308</td>
<td>Introduction to Public Health</td>
<td>3</td>
<td>Introduction to public health terminology, history, core disciplines, professional roles and services. Overview of current public health challenges and impact of the public health efforts on population health. Prerequisites: Public Health Education major or Health Studies minor.</td>
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<tr>
<td>HEA 310</td>
<td>Mental Health and Well-Being</td>
<td>3</td>
<td>Study of mental health issues and emotional well-being emphasizing mental disorders, stigma, and disparities in intervention approaches. Also covers social, emotional, and spiritual health and wellness.</td>
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<tr>
<td>HEA 312</td>
<td>Public Health and Healthcare Systems in the US</td>
<td>3</td>
<td>Study of how the public health system and the health care system interact to influence society's health. Differential impact on stakeholders, costs, insurance, health reform, health promotion through policy. Prerequisites: HEA 308, HEA 315.</td>
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<tr>
<td>HEA 314</td>
<td>Public Health Diseases</td>
<td>3</td>
<td>Focus on biological concepts and biomedical terms associated with public health disease conditions. Emphasis on etiology, pathogenesis, diagnosis, treatment, risk factors, and their impact on prevention and control. Prerequisites: BIO 111 or permission of instructor.</td>
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<tr>
<td>HEA 315</td>
<td>Epidemiology</td>
<td>3</td>
<td>Study of the distribution and determinants of disease occurrence with emphasis on application to health education. Prerequisite or Corequisites: Public Health Education major or minor. MAT 115 or STA 108 or higher-level MAT or STA course; or permission of instructor.</td>
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<tr>
<td>HEA 316</td>
<td>Environmental Health</td>
<td>3</td>
<td>An analysis of the identification, assessment, and control of environmental health risks. Focus on the effects of specific toxicants and the prevention of their negative impact on health and well-being.</td>
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<tr>
<td>HEA 318</td>
<td>Conflict Resolution and Facilitation Skills</td>
<td>3</td>
<td>Theory and practice in conflict resolution and facilitation of group problem-solving, decision-making, and conflict resolution.</td>
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<tr>
<td>HEA 325</td>
<td>Public Health Data Analysis</td>
<td>3</td>
<td>Applied course to develop skills in finding, understanding and analyzing public health data that is essential for needs assessment, program planning, and evaluation. Prerequisite or Corequisites: MAT 115 or STA 108 or higher level MAT or STA course, or permission of instructor.</td>
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<tr>
<td>HEA 331</td>
<td>Alcohol, Tobacco, and Other Drugs</td>
<td>3</td>
<td>Analysis of the epidemiological, physiological, psychosocial, and public health considerations of alcohol, tobacco, and other drug use. Emphasis on public health education theory and approaches to prevention, intervention, and treatment.</td>
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<tr>
<td>HEA 334</td>
<td>Community Health</td>
<td>3</td>
<td>Overview of complex social, health, and medical problems of modern society, with special emphasis on community programs for solving them. Study of programs of official and voluntary health agencies designed to promote and protect the health of citizens, observed through field trips, discussed by guest lecturers, and studied through other forms of enrichment. Prerequisites: Sophomore standing.</td>
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<tr>
<td>HEA 338</td>
<td>Safety and First Aid</td>
<td>3</td>
<td>Study of factors essential to safety in home, school, and community, with emphasis on First Aid and emergency care knowledge and skills. Cardiopulmonary Resuscitation (CPR) included. Notes: Students may not take both HEA 236 and HEA 338 for credit.</td>
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HEA 339 Introduction to Public Health Education Practice 3
Meetings with health educators and field trips to introduce students to the application of health education principles. Course is the first in a sequence of four experiential courses.
Prerequisites: Public Health Education major with a concentration in Community Health Education. or permission of instructor.

HEA 340 Community Observation and Assessment 3
Process for working within a community or population to assess its health needs and assets. Focus on cultural competence, knowledge of community agencies and gatekeepers, and community data collection methods.
Prerequisites: HEA 308, HEA 314; HEA 315; HEA 339; admission to the PHTH major, Community Health Education concentration; or permission of instructor; Pr. or Coreq.: HEA 325.

HEA 341 Health Pedagogy for Elementary School Teachers 1.5
Introduction to the design and implementation of learning tasks that demonstrate the importance of proper nutrition, promotion of healthy relationships, consequences of substance abuse, and prevention of accidents and injuries.
Prerequisites: Acceptance into Teacher Education Program .

HEA 350 Race, Ethnicity, and Health 3
This course considers the implications of both race and ethnicity for understanding health determinants, as well as policy and programming for addressing population level health concerns.

HEA 366 Community Health Interventions I 3
Theory and practice in planning and using health education strategies for individuals and small groups.
Prerequisites: HEA 308, HEA 314, HEA 315, HEA 339. admission to a professional program for community health education concentration; or permission of instructor; Pr. or Coreq.: HEA 325.

HEA 405 Program Planning and Evaluation 3
Methods used by health educators to respond to health problems and opportunities. Emphasis on comprehensive program planning that includes assessment, community involvement, intervention selection and development, implementation, and evaluation.
Prerequisites: HEA 340 and HEA 366. admission to professional program for community health education concentration; or permission of instructor;
Corequisites: HEA 466.

HEA 412 Community Health Organizations 3
Study of the structure and operation of community health organizations.
Prerequisites: HEA 308, HEA 314, HEA 315, HEA 316, and HEA 325. or permission of instructor .

HEA 426 Internship Planning 3
Professional preparation, planning, and placement practicum for the 400-hour supervised internship experience (HEA 428). Should be taken one semester prior to HEA 428.
Prerequisites: HEA 339, HEA 340, HEA 366. admission to professional program .

HEA 428 Health Education Internship (Fieldwork IV and Seminar) 12
Experience in using public health education techniques and practices in a community organization/agency. Emphasis on functioning as a professional health educator under supervision.
Prerequisites: HEA 340, HEA 366, and HEA 466. PHTH major with Community Health Education concentration or permission of instructor; overall 2.50 GPA; grade of C or better in all required HEA courses; must have current certification in Community First Aid and Safety and CPR;
Notes: Minimum 320 contact hours. Grade: Pass/Not Pass (P/NP).

HEA 433 Gender and Health 3
This course considers the implications of both gender and biological sex for understanding health determinants as well as policy and programming for addressing population level health concerns.

HEA 447 Income, Social Status, and Health 3
This course considers the population health implications of income and social status as structural determinants of health. Policy and program interventions will be explored as practical solutions.

HEA 450 Current Health Problems 3
Examination of selected health problems and/or populations that are of current pertinence. Populations and/or problems will be explored within the context of their impact on society.

HEA 450A Current Health Problems: Aging 3

HEA 466 Community Health Interventions II 3
Theory and practice in selecting, developing and implementing community-level interventions to improve the health of individuals and communities.
Prerequisites: HEA 308, HEA 314, HEA 325, HEA 339, HEA 340, HEA 366. admission to the professional program for community health education concentration; or permission of instructor.

HEA 470 Adolescent Health 3
Survey of adolescent health problems and needs. Focus on epidemiological trends, behavioral and social etiological factors, and public health interventions to reduce specific adolescent health problems.
Prerequisites: Junior or senior standing .

HEA 471 Immigrant and Refugee Health 3
Overview of issues affecting health promotion among immigrant and refugee populations. Focus on migration, dislocation, resettlement, adjustment, historical, epidemiological, behaviors, cultural, socioeconomic, and political factors, and interventions to address needs.
Prerequisites: Junior or senior standing .

HEA 475 Independent Study 1-3
Intensive work in an area of special interest in health education. Available to qualified students on recommendation of academic advisor and instructor.
Prerequisites: Demonstrated competency for independent work and permission of academic advisor and instructor.
Notes: May be repeated once for credit.

HEA 490 Capstone Experience 6
Capstone experience designed to apply knowledge and skills from core areas of public health using a problem-based approach to address public health challenges.
Prerequisites: HEA 308, HEA 314, HEA 315, HEA 316, HEA 325, HEA 350, HEA 433, HEA 447. PHTH major: Health Studies Online concentration.

HEA 600 Contemporary Problems in Health 3
Current personal, community, and world health problems through critical analysis of literature and research.

HEA 601 Principles of Community Health Education 3
Factors affecting health and disease, principles underlying health education practice, and the role of health education in health promotion and disease prevention.
Prerequisites: Admission to the MPH program or permission of instructor.

HEA 602 Epidemiology 3
Disease etiology and identification of risk factors, utilizing epidemiologic and biostatistical concept and methods. Applications of epidemiology and biostatistics to assess the efficacy of community health programs.
HEA 603 Community Health Analysis 3
Assessment of community structure, residents, organizations and associations, to determine health-related capacities, needs, and interests. Emphasizes the use of both primary and secondary data sources for community analysis.
Prerequisites: Admission to the MPH program or permission of instructor.

HEA 604 Public Health Statistics 3
Investigation of data sources and methods used to gather, analyze and interpret health data; emphasis on computer application.
Prerequisites: Admission to the MPH program or permission of instructor.

HEA 606 Workshops in Health Education 1-3
Current and comprehensive health or health education concerns of schools and society.
Notes: No more than 3 hours of this course may be applied to a graduate degree program.

HEA 608 Environmental Health 3
Analysis of local, national, and international environmental issues influencing the health of individuals and communities; air and water quality, waste management, disease control, occupational settings, population, and environmental planning.

HEA 609 Community Health Interventions 3
Overview of theories, successful intervention strategies, and methods of implementation across the social ecology and their application to the development of health education programs.
Prerequisites: HEA 601, HEA 603, HEA 604, HEA 608. Pr. or Coreq.: HEA 602.

HEA 612 Management of Community Health Organizations 3
Analysis and skill development in management of community health organizations, including self-reflection, planning, staffing, marketing, building and managing agency and community teams. Literature reviews, community interviews, case study and experiential analysis.
Prerequisites: Admission to a graduate degree program or permission of instructor.

HEA 616 Workplace Health Promotion 3
Public and private worksite health promotion programs. Skills and knowledge to oversee the planning, implementation, and evaluation of these programs. Links to employee benefits and successful programs to be critically examined.
Prerequisites: Admission to a graduate degree program or permission of instructor.

HEA 622 Social Epidemiology 3
Content, methods, and theory of social epidemiology.
Prerequisites: Pr. or Coreq. HEA 602, HEA 604.

HEA 625 Community Health Education Program Evaluation 3
Issues, problems, and techniques involved in evaluation of community health education programs.
Prerequisites: HEA 601, HEA 602 and completion of or concurrent enrollment in HEA 603, or permission of instructor.

HEA 635 Health Education in the Community and School 3
Planning, preparation, and presentation of health education information and programs for school and community groups.
Prerequisites: Permission of instructor.

HEA 640 Global Health Issues 3
Examine global health issues with an analysis of the determinants of health status in selected world regions and analyze global prevention efforts. Study of international organizations; roles and programs.

HEA 645 Health Policy 3
Health policy process in the US; examination of historical and current health policy issues, and survey of methods for analyzing health policy options.
Prerequisites: Admission to a graduate degree program or permission of instructor.

HEA 648 Applied Program Planning 3
Methods and models of planning health education programs for various settings.
Prerequisites: GPA of 3.0 or better, HEA 609 and HEA 645, or permission of instructor.

HEA 650 Community Health Internship/Practicum 6
Supervised experience in the observation, delivery, and evaluation of health education services in community settings.
Prerequisites: GPA of 3.0 or better and HEA 648, or permission of instructor.
Notes: Grade: Satisfactory/Unsatisfactory (S/U).

HEA 652 Gender and Health 3
Health issues and health problems with respect to gender differences, similarities and historical conceptions.
Prerequisites: Admission to a graduate degree program or permission of instructor.

HEA 665 Violence and Public Health 3
The origins and epidemiology of violence, factors influencing our social response to violence and role of public health professionals in a community response. Literature and field-based analysis.
Prerequisites: Admission to a graduate degree program or permission of instructor.

HEA 666 Health Communication 3
Overview of theory, practice of designing/implementing/evaluating public health communication campaigns and programs. Focus on audience, message, and channel factors; mass media, social marketing and risk communication strategies.
Prerequisites: Pr. or Coreq.: HEA 601 or permission of instructor.

HEA 676 Problems Seminar 3
Specific course title identified each semester by a subscript, e.g., Problems Seminar: Professional Literature in Health Education.
Prerequisites: Previous course work in appropriate content areas or permission of instructor.

Notes: May be repeated for credit.

HEA 676A Probs Sem: Adolescent Health 3

HEA 676B Prob:Worksite Health Promotion 3

HEA 676C Probs Sem: Health Program Evaluatn 3

HEA 676D Prob: Worksite Health Promotion 3

HEA 676E Probs Sem:Mnging Comm Hea Prog 3

HEA 676F Prb Sem: Violence / Public Hea 3

HEA 695 Independent Study 1-3
Intensive study in an area of special interest in health education.
Prerequisites: Demonstrated competency for independent work and permission of departmental academic advisor and the instructor.
Notes: May be repeated for credit.

HEA 699 Thesis 1-6
Prerequisite: Permission of instructor and application due March 15 prior to final year of study;
Notes: May be repeated for up to 6 credit hours, minimum of 3 credit hours required for graduation.
HEA 701 Promoting and Protecting Health through Entrepreneurship 3
Introduction to Federal Small Business Research grant mechanisms for entrepreneurial research. Preparation of a grant proposal for submission to NIH, CDC, or Department of Education.
Notes: Same as ENT 701.

HEA 702 Professional Grant Writing for Community Organizations 3
Theoretical and applied avenues to learning Professional Grant Writing for Health and Human Service Organizations in the Community.
Prerequisites: Enrolled graduate students in the School of HHS, or permission of instructor.
Notes: Same as HHS 702.

HEA 705 Qualitative Methods Public Health 3
Qualitative methodology from question formation to dissemination of findings in public health research and evaluation. Includes design, sampling, data collection and analysis.

HEA 711B Breastfeeding, Gender & Health 3
This course examines from theoretical and empirical perspectives the social, economic and political contexts that affect women's experiences with breastfeeding and related practices and policies in the U.S. and globally.

HEA 725 Advanced Community Health Projects 1-6
Scholarly inquiry project developed by the student with faculty guidance.
Prerequisites: Permission of instructor.
Notes: May be repeated for a maximum of 6 credit hours. Grade: Satisfactory/Unsatisfactory (S/U).

HEA 735 Topics in Community Health Research 3
Specific course title identified each semester offered by subtitle (e.g., Organizational Behavior, Women and Girls Health, Applied Research in Communities). May be repeated for credit when topic varies.
Prerequisites: Permission of instructor.

HEA 751 Foundations of Research for Public Health Education 3
Central issues in the philosophy of social and behavioral science with application to public health. Assumptions, models, and methodologies necessary to pursue research in community health education.
Prerequisites: Admission to PhD program or permission of instructor.

HEA 752 Quantitative Methods in Public Health 3
Research methods and ecologic, experimental, and observational research designs in community health education. Topics include advanced study designs, reliability, validity, generalizability, bias, sampling, and power.
Prerequisites: HEA 751.

HEA 755 Community Research Practicum 3
Supervised practicum experiences in developing, conducting, funding, and disseminating community-based participatory research in public health education.
Prerequisites: Admission to PhD program or permission of instructor.
Notes: Must be taken 2 times for credit.

HEA 758 Advanced Theoretical Basis for Community Health Education 3
Examination of theories used by health educators to conduct research in organizational, community, or individual change and improvement in health and quality of life.
Prerequisites: HEA 609, HEA 751, HEA 752, or permission of instructor.

HEA 760 Teaching in Community Health Education 3
Introduction to principles and practices of good undergraduate teaching in public health. Includes course planning, teaching techniques, assessment strategies, legal and ethical issues, and supervised practice.
Prerequisites: Permission of instructor.

HEA 765 Advanced Program Evaluation in Public Health Education 3
Advanced education in program evaluation, evaluation designs, and their application to complex public health interventions. Emphasis on evaluation practices relevant for Community-Based Participatory Research programs in public health education.
Prerequisites: Pr. or Coreq.: HEA 602, HEA 604, HEA 622, HEA 751, HEA 752, HEA 753.

HEA 799 Doctoral Dissertation Research 1-15
HEA 802 Dissertation Extension 1-3
HEA 803 Research Extension 1-3