BACHELOR OF SCIENCE IN PUBLIC HEALTH (B.S.) - HEALTH PROMOTION & MASTER OF PUBLIC HEALTH (M.P.H.) - HEALTH PROMOTION

Purpose
The purpose of the 4+1 dual degree BS/MPH Public Health: Health Promotion is designed to provide an opportunity for accelerated bachelor and master’s degrees in public health with a concentration in health promotion for qualified students. This accelerated degree program seeks to train students to serve as health education specialists in the health care industry, business, government, and in non-profit organizations. Students will gain advanced knowledge and practice in designing, implementing, managing, and evaluating interventions to ensure best practices for the overall wellness of the community.

Program Specific Admission Requirements
Admission to the Accelerated Bachelor of Science in Public Health (B.S.) - Health Promotion concentration / Master of Public Health (M.P.H.) - Health Promotion concentration is a competitive process.

Admission standards for BS Health Promotion include:
1. Must meet current Residential Undergraduate Admissions Standards.

Admission standards for MPH Health Promotion include:
1. Must have a cumulative GPA of 3.0 for admission into the Graduate level courses of this program.
2. Completed all undergraduate work and the graduate courses required in the BS before having program switched to the MPH.

Program Learning Outcomes
The student will be able to:
1. Describe public health philosophy and organization, including infrastructure, funding, delivery, and fiscal and workforce management in the U.S. and globally.
2. Apply principles of public health leadership, including systems thinking, group process, social justice, and ethics.
3. Describe health from the perspective of God’s purposes for humanity in creation, fall, and redemption.
4. Describe the scientific basis for public health problems and apply public health solutions to address them.
5. Engage community constituencies in collaborative relationships to develop and employ community capacity for health.
6. Identify principles of public health interventions that address disparities and inequalities in health access and health status in the context of culture, race, gender, and economics.
7. Investigate population health status, needs, and resources using appropriate assessment and analytical methods.
8. Develop, implement and evaluate public health programs to address identified population determinants of health needs.
9. Demonstrate effective written, oral, and electronic methods of communicating health information with selected audiences.

Program of Study
Delivery Format: Resident Only
- Public Health (B.S.) - Health Promotion & Public Health (M.P.H.) - Health Promotion - Resident

Career Opportunities
- Health Educator
- Community Health Program Planner
- Program Evaluator
- Worksite Wellness Program Administrator
- Health Promotion Program Coordinator
- Public Health Information Officer
- Health Center Administrator
- Health Coach

Courses
Undergraduate
HLTH 105 Introduction to the Health Professions 3 Credit Hour(s)
A survey of the health professions and requirements for educational, job and market demands in selected health careers, including health promotion philosophy, goals, history and development.
Offered: Resident and Online

HLTH 205 Accident Prevention and Care (First Aid) 3 Credit Hour(s)
Principles of accident prevention and personal safety with emphasis upon development of knowledge and skills needed for dealing with emergencies which may be faced in a variety of settings. First aid and CPR certification is included.
Offered: Resident

HLTH 211 Applied Anatomy and Physiology I for Associate Degree 3 Credit Hour(s)
An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course employs virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body, organization of the body, the blood, cardiovascular system, lymphatic system, nervous system, special senses, endocrine system, and respiratory system.
Offered: Online

HLTH 212 Applied Anatomy and Physiology II for Associate Degree 3 Credit Hour(s)
A continuation of HLTH 211 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course employs virtual interactive cadaver dissection technology. The following topics are covered: the digestive system, the urinary system, the skin, the musculoskeletal system, and the reproductive systems.
Offered: Online
HLTH 216  Personal Health  3 Credit Hour(s)
A study of considerations and current trends in the areas of personal and community health. Emphasis is given to personal responsibility for healthy lifestyle management.  
Offered: Resident

HLTH 221  Applied Human Anatomy and Physiology I  3 Credit Hour(s)
An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body; the chemistry of life; the cells, tissues, and organization of the body; the blood; the cardiovascular system; the lymphatic system; the nervous system; the special senses; the endocrine system; and the respiratory system. (Formerly HLTH 201)  
Note: This course does not substitute for BIOL 213 214  
Offered: Resident and Online

HLTH 222  Applied Human Anatomy and Physiology II 3 Credit Hour(s)
Online Prerequisite: HLTH 221 or HLTH 201
A continuation of HLTH 221 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to nutrition; the digestive system; the urinary system; the skin; resistance and immunity; the musculoskeletal system; introduction to genetics; and the reproductive systems. (Formerly HLTH 202)  
Note: This course does not substitute for BIOL 215 216  
Offered: Resident and Online

HLTH 252  Drugs in Society  3 Credit Hour(s)
An examination of alcohol, tobacco and other drugs effects upon individual, school and community.  
Offered: Resident and Online

HLTH 299  Internship  0 Credit Hour(s)
Practical work experience in an approved health agency, supervised by a qualified health specialist. Application procedures processed through the Career Center. Must apply semester prior to internship.  
Registration Restrictions: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind  
Offered: Resident and Online

HLTH 301  Foundations of Public Health  3 Credit Hour(s)
This course provides an introduction to public health concepts and practice. Beginning with the history of public health, the student will learn how this profession has evolved through time, study the foundational components of public health today, and explore its future. This course will address administrative roles and responsibilities of the profession within the context of socio-ecological levels. Topics covered include public health’s core functions and essential services, organizational structures, ethical issues, systems thinking, and the role of the health education specialist.  
Offered: Resident

HLTH 311  Health Promotion Methods for Global Settings  3 Credit Hour(s)
This practical course applies health promotion theory through methods and materials designed for international settings. Non-formal methods are especially introduced to the learners. This course is ideal for those desiring to serve in overseas settings (the two-thirds world) for ministry and service. Non-health majors are welcome, especially those with a heart for missions and for serving the needy.  
Registration Restrictions: Completion of at least one academic year  
Note: Offered spring semester  
Offered: Resident

HLTH 330  Human Nutrition 3 Credit Hour(s)
Prerequisite: BIOL 211 or BIOL 213 or BIOL 214 or BIOL 101 or BIOL 102 or BIOL 200 or BIOL 1XX or BIOL 2XX or CHEM 105 or CHEM 107 or CHEM 1XX or CHEM 2XX or HLTH 201 or HLTH 202 or BIOL 215 or HLTH 221 or BIOL 216 or HLTH 222 or BIOL 224 or BIOL 225  
Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.  
Offered: Resident and Online

HLTH 333  Exercise and Sports Nutrition  3 Credit Hour(s)
Prerequisite: EXSC 310  
This course focuses on nutrition with an emphasis on its role in exercise and sport performance. Topics include: macro/micro-nutrient metabolism in relation to exercise, hydration, body composition, ergogenic aids, disordered eating, and current nutritional recommendations.  
Offered: Resident

HLTH 340  Women's Health Issues  3 Credit Hour(s)
This course provides female students with an overview of contemporary women’s health issues across the lifespan, within the framework of health education and health promotion. It prepares students with both knowledge and competencies to best minister to other women, in formal and informal settings, from a Christian perspective.  
Registration Restrictions: Women only; Completion of at least one academic year  
Note: Offered fall semester  
Offered: Resident

HLTH 349  Public and Community Health for Business  3 Credit Hour(s)
This course is an introduction to public and community health issues and problems at the local, state and national levels oriented toward business professionals.  
Note: This course does not substitute for HLTH 350  
Offered: Online

HLTH 350  Introduction to Public and Community Health  3 Credit Hour(s)
Prerequisite: RSCH 201  
An introduction to public and community health issues or problems at the local, state and national levels.  
Offered: Resident
HLTH 370  Introduction to Environmental Hazards and Response  3 Credit Hour(s)
Prerequisite: HLTH 301 or HLTH 350 (may be taken concurrently)
This course addresses manmade and natural environmental hazards that impact human health. After a description and epidemiological survey of risk, the course focuses on prevention and disaster management. Students will learn the structure and systems involved in the response to environmental disasters, and will participate in hands-on training in disaster response skills through the resources of the American Red Cross and/or other agencies.
Offered: Resident

HLTH 380  Health Promotion for Aging Populations  3 Credit Hour(s)
The study of the process of aging and the interrelationships among the five dimensions of health as they relate to aging. Emphasis is placed on health promotion and disease prevention at all ages as the path to living a full life in later years.
Registration Restrictions: Completion of at least one academic year
Note: Offered fall semester
Offered: Resident and Online

HLTH 400  Contemporary Health Issues  3 Credit Hour(s)
As an integrative study course, classes examine health trends in America. The focus is on personal health / medical decisions relevant to Christians. Topics include but are not limited to: marital choices, addictions, common infectious and chronic diseases, mental illness, aging, dying and death, and predictions of future health events of the next 50 years.
Registration Restrictions: Junior or Senior status
Note: Offered fall semester
Offered: Resident

HLTH 402  The School Health Program  3 Credit Hour(s)
School health program philosophy and K-12 curriculum are discussed with an emphasis on policies, procedures and methods for the teaching of health education.
Registration Restrictions: Junior and Senior status
Note: Offered spring semester
Offered: Resident

HLTH 419  Wellness and Behavior Change Theories for Business  3 Credit Hour(s)
This course includes a study of theory and practice of wellness behavioral change that can be translated into the business arena. Organizational and individual intervention techniques for health promotion, marketing and general communication campaigns will be emphasized.
Offered: Online

HLTH 420  Principles of Behavior Change and Health Counseling  3 Credit Hour(s)
A study of theory and practice of behavioral change or verification that leads to a healthy lifestyle. Group and individual intervention techniques with follow-up health counseling theory and application will be emphasized.
Registration Restrictions: Junior status
Offered: Resident

HLTH 440  Methods and Resources in Teaching Applied Sciences in Schools  2 Credit Hour(s)
Prerequisite: HLTH 402 and Background Check Clearance with a score of 5 and Education Teacher Licensure with a score of 5
A study of classroom related instruction in applied sciences with an emphasis on delivery system, student needs and materials that can be utilized.
Note: (Offered fall semester)
Offered: Resident

HLTH 441  Methods and Resources in Teaching Applied Sciences in School Practicum  1 Credit Hour(s)
Prerequisite: HLTH 402 and Background Check Clearance with a score of 5 and Education Teacher Licensure with a score of 5
The student will be required to prepare a unit, teach in a secondary classroom setting and evaluate the experience.
Note: (Offered fall semester).
Offered: Resident

HLTH 444  Principles of Epidemiology and Biostatistics  3 Credit Hour(s)
Prerequisite: MATH 201
A study of epidemiology, the basic science of public health. Epidemiology will be viewed as: 1) a quantitative basic science built on sound research methods; 2) a method of causal reasoning based on developing and testing hypothesis pertaining to the occurrence and prevention of morbidity (disease) and mortality (death); and 3) a tool for public health action to promote and protect the public's health.
Offered: Resident

HLTH 452  Methods and Materials in Community Health Education  3 Credit Hour(s)
Development, usage and evaluation of print and non-print materials and methods for health educators in the community setting.
Registration Restrictions: Junior status
Offered: Resident

HLTH 453  Program Planning and Evaluation in Health Education  3 Credit Hour(s)
Prerequisite: HLTH 450
A study of the theories, models, and processes that reflect best practice in assessment, planning, implementation, and evaluation of health education programming.
Registration Restrictions: Junior status
Offered: Resident

HLTH 485  Principles of Epidemiology and Biostatistics for Business  3 Credit Hour(s)
Online Prerequisite: MATH 201 or BUSI 230
The course introduces the principles, concepts, and methods of epidemiology – the study of patterns and determinants of disease in different populations to business professionals. Topics include measures of disease frequency and effect, uses of rates and proportions and other statistics to describe the health of populations in investigating the extent of disease problems and the associations between risk factors and disease outcomes.
Offered: Online
HLTH 488 Chronic and Infectious Diseases 3 Credit Hour(s)
Prerequisite: BIOL 203 or BIOL 303
This course will address the epidemiology, pathogenesis, risk factors and prevention of major chronic diseases. Also, this course will examine infectious diseases through the epidemiology of various bacterial, viral, fungal, protozoal, and helminthic infections, with application for students interested in health promotion and disease prevention at home, overseas, and on the mission field.
Offered: Resident
HLTH 491 Grantsmanship 3 Credit Hour(s)
An introduction to the world of public, corporate and private foundations. Topic research, organizational communications, protocol, budget development and grant writing are emphasized skill areas.
Offered: Resident and Online
HLTH 495 Directed Research 1-6 Credit Hour(s)
To allow students the opportunity to expand their understanding of public health by taking part in a research-oriented project or program implementation and evaluation of a public health topic of interest.
Registration Restrictions: Approval of the program director
Offered: Resident
HLTH 497 Special Topics in Health 1-3 Credit Hour(s)
A comprehensive study of health promotion principles and problems in selected areas of health science which may include: stress management, weight control, environment, smoking cessation, family life education, human diseases, etc. (May be repeated to a total of six hours in different content areas.)
Offered: Resident
HLTH 498 Public Health Senior Seminar 3 Credit Hour(s)
Prerequisite: HLTH 301 and HLTH 350 and HLTH 444
This course provides students with the opportunity to incorporate and apply the content and competencies of public health into a culminating experience that places emphasis on a research project and presentation.
Offered: Resident
HLTH 499 Professional Internship in Health Promotion 1-12 Credit Hour(s)
Prerequisite: HLTH 452 and HLTH 453
Practical work experience in an approved health agency, supervised by a qualified health specialist. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.
Registration Restrictions: Consent of instructor; required cumulative GPA of 2.35; HLTH 452 and 453; CPR/First Aid Certification; Junior or Senior status
Offered: Resident

Graduate
HLTH 500 Introduction to Public Health 3 Credit Hour(s)
This course will provide a broad overview of the practice of public health. It is intended for those with a limited exposure to the field or in the need of a refresher of analytical and critical thinking skills prior to beginning a graduate level course of study. The course will specifically address basic algebraic and probability concepts, review the use of peer-reviewed literature, introduce students to literature citation using the AMA style, and provide a framework to approach public health practice.
Offered: Resident and Online
HLTH 501 Biostatistics 3 Credit Hour(s)
The course prepares the student in the development and application of statistical reasoning and methods in addressing, analyzing and solving problems in public health; healthcare; and biomedical, clinical and population-based research.
Offered: Resident and Online
HLTH 503 Principles of Epidemiology 3 Credit Hour(s)
This course is a study of human population patterns of disease and injury and the application of this study to the control of health problems.
Offered: Resident and Online
HLTH 505 Principles of Environmental Health 3 Credit Hour(s)
This course is a study of environmental factors including biological, genetic, physical and chemical factors that affect the health of a community.
Offered: Resident and Online
HLTH 507 Public Health Administration 3 Credit Hour(s)
The course is a study of health policy and management concerns regarding the delivery, quality and cost of healthcare for individuals and populations. It reviews the structure, process and outcomes of health services including costs, financing, organization and accessibility to care.
Offered: Resident and Online
HLTH 509 Social and Behavioral Theory Applications in Public Health 3 Credit Hour(s)
The course is a study of the behavioral, social and cultural factors related to population health disparities. The student will learn that research in this area contributes to the development and evaluation of public health policies, programs and services that promote and sustain health populations.
Offered: Resident and Online
HLTH 511 Research Methods in Public Health 3 Credit Hour(s)
Prerequisite: HLTH 501
This course prepares students to critically evaluate research protocols in public health. Students must be prepared to design practical research methodologies to evaluate contributing factors of contemporary health issues with measurable goals and objectives.
Offered: Resident and Online
HLTH 550 Addictive Behaviors and Interventions 3 Credit Hour(s)
This course explores the dynamics of chemical and non-chemical dependency including the psychological, physiological, and spiritual bases of addiction. Intervention modalities will be discussed for various forms of addictions.
HLTH 551 Issues in Public and Community Health 3 Credit Hour(s)
This course reviews the Christian worldview and healthcare choices in the 21st century. Topics may include but are not limited to: genetic testing, eugenics, reproductive control, treating or terminating impaired infants, organ transplantation and euthanasia.
Offered: Resident and Online
HLTH 552 Chronic Disease Prevention and Management 3 Credit Hour(s)
This course is focused on the leading chronic disease indicators of morbidity and mortality in the United States, including cardiovascular disease, cancer, stroke, diabetes, and chronic obstructive pulmonary disease. Students will study prevention strategies using the ecological framework to examine individual, social, organizational, community, and population levels of prevention. Public health measures to reduce chronic disease will be emphasized.
Offered: Resident
HLTH 553 Grant Acquisition and Management 3 Credit Hour(s)
This course acquaints students with the 'soft' money world of private and public grants, promotes the development of grant writing skills and identifies the practical issues of managing a grant once acquired.
Offered: Resident and Online

HLTH 554 Medical Terminology en Espanol 3 Credit Hour(s)
This course provides students with medical and health related vocabulary and terminology necessary to communicate with Spanish speakers with limited English proficiency.
Offered: Resident

HLTH 556 Politics and Health Policy 3 Credit Hour(s)
This course examines the framework and concepts used in public health policy. Processes of formulation, implementation and change will be discussed. Evidence-based decision making will be discussed. The role of politics in relation to health policy will be highlighted.
Offered: Online

HLTH 597 Graduate Health Seminar 3 Credit Hour(s)
Offered: Resident

HLTH 600 MPH Competency Exam 0 Credit Hour(s)
Prerequisite: HLTH 501 and HLTH 503 and HLTH 505 and HLTH 507 and HLTH 509 and HLTH 511 (may be taken concurrently)
The purpose of the Competency Exam is to assess students' substantive and integrative knowledge of the field of Public Health. The exam draws from students' previous studies thereby eliciting the broad and comprehensive knowledge and understanding required in transitioning to practical experiences. The exam is meant to be a bridge between the concepts, theories, and skills presented in program coursework and critical analysis demanded in the field for a successful practicum experience.

Registration Restrictions: HLTH 600 will need to be taken in a single term. A department policy for the exam requires departmental review and approval of a faculty panel beyond the single term of enrollment.
Offered: Resident and Online

HLTH 620 Introduction to Global Health 3 Credit Hour(s)
This course introduces the student to global health priorities and the roles of institutional players in resolving the issues. Multiple determinants of health such as economic, environmental, biological and cultural are addressed with an emphasis on the health needs of lesser economically developed nations.
Offered: Resident and Online

HLTH 622 Primary Healthcare in Developing Countries 3 Credit Hour(s)
This course addresses the delivery of essential healthcare to individuals, families and communities in lesser economically developed countries. Emphasis is on the utilization of community healthcare worker schemes and appropriate technology.
Offered: Resident and Online

HLTH 623 Cultural Aspects of Health Behavior 3 Credit Hour(s)
This course examines cultural perspectives on beliefs and health risk perception in relationship to health behavior. The cultural aspects of healthcare use through 'healers' and health systems are also examined.
Offered: Resident and Online

HLTH 624 Sanitation in Developing Countries 3 Credit Hour(s)
This course examines environmental hygiene and health problems related to water supply and sanitation. Low cost methods as well as appropriate technology applied to sanitation are discussed.
Offered: Resident and Online

HLTH 625 Prevention and Control of Infectious Diseases 3 Credit Hour(s)
This course provides the student with the knowledge base necessary to understand the mechanisms of infectious disease transmission, to select specific preventive methodologies in the control of particular diseases and to communicate the rationale for the various control methods.
Offered: Resident and Online

HLTH 626 Vaccines and Immunology 3 Credit Hour(s)
Online Prerequisite: HLTH 625
This course provides an overview of the immune system. The course will cover immune mechanisms believed to be related to vaccine induced disease protection. The course will examine vaccine development.
Offered: Online

HLTH 630 Principles of Community Health 3 Credit Hour(s)
This course provides an overview of public health issues as they relate to community health promotion and disease prevention. Theories and models relevant to community health programming as well as the connections between local, state, and national public health initiatives are presented. Emphasis is placed on acquisition of pertinent public health data to enable practical, applied, community-wide planning and cooperation among varied stakeholders.
Offered: Resident and Online

HLTH 632 Health Program Planning 3 Credit Hour(s)
This course provides students with an overview of program planning, including methods for assessment, planning models and theories, and intervention strategies. Course content will focus on program planning in community settings.
Offered: Resident and Online

HLTH 633 Health Program Evaluation 3 Credit Hour(s)
Prerequisite: HLTH 632
This course provides an introduction to quantitative, qualitative, and ethnographic methods of evaluation for health education programming. A variety of health education evaluation topics are included. Students will be introduced to both formative and summative evaluation as well as principles of measurement.
Offered: Resident and Online

HLTH 634 Health Communication and Advocacy 3 Credit Hour(s)
Prerequisite: HLTH 509
This course examines the principles and practices of effective interpersonal, organizational, and community-based communication to shape attitudes and actions about health and healthcare. Students will explore the use of counseling, public campaigns, social media, and political processes to advocate for health among diverse populations.
Offered: Resident and Online

HLTH 635 Health Agency Management 3 Credit Hour(s)
This course prepares students for employment as Executive Directors, Program Directors and/or House Managers of 501(c) (3) organizations. Topics include but are not limited to fund-raising, staffing, liability, budgeting, human rights issues, service coordination, and emergency preparedness.
Offered: Resident and Online

HLTH 636 Contemporary School Health Issues 3 Credit Hour(s)
Online Prerequisite: HLTH 634
This course focuses on classroom and school-related public health issues confronting public and private schools in the 21st century. Solutions will be explored from the Christian worldview using 'salt & light' strategies in the spirit of 1 Peter 3:15.
Offered: Online
HLTH 637 Perspectives on Healthy Aging 3 Credit Hour(s)
This course presents an analysis of contemporary issues that contribute to health risk factors for aging populations. Students will learn methods and strategies leading to health promotion and disease prevention for the elderly. Spiritual health and cultural issues are also addressed as they relate to aging, death, and dying.
Offered: Online

HLTH 640 Principles of Nutrition 3 Credit Hour(s)
This course reviews the basic principles of nutrition, the metabolism of proteins, fats, macro and micro nutrients and the role food choices play in health promotion and disease prevention.
Offered: Resident and Online

HLTH 642 Food-borne Illness Prevention 3 Credit Hour(s)
This course examines current research and governmental initiatives regarding food safety as well as 'best practices' for food handling in foodservice systems.
Offered: Resident and Online

HLTH 643 Nutrition and Chronic Disease 3 Credit Hour(s)
Prerequisite: HLTH 640
This course reviews current research on the relationship of genetics, chronic disease and the role of medical nutritional therapy. The class also explores nutrition and the aging process with an emphasis on the interactions of physiological stages and lifestyle choices.
Offered: Resident and Online

HLTH 644 Diabetes, Obesity and Eating Disorders 3 Credit Hour(s)
Prerequisite: HLTH 640
This course examines the societal, family and psychological influences on eating behaviors, their contribution to the development of Type 2 Diabetes, Anorexia and Bulimia and a review of treatment options.
Offered: Resident and Online

HLTH 645 Performance Nutrition for the Physically Active 3 Credit Hour(s)
Prerequisite: HLTH 640 or EXSC 510
This course focuses on the role of nutrients and prescriptive diets in rehabilitation services, fitness and sport performance.
Offered: Resident and Online

HLTH 650 Field Epidemiology 3 Credit Hour(s)
Prerequisite: HLTH 501 and HLTH 503 and HLTH 511 (may be taken concurrently)
This course presents an overview of the methods used in conducting epidemiologic field investigations, including the collection, analysis, interpretation and reporting of primary source epidemiologic data. Students will learn principles of disease outbreak investigation.
Offered: Resident

HLTH 651 Epidemiologic Research Methods 3 Credit Hour(s)
Prerequisite: HLTH 501 and HLTH 503 and HLTH 511
This course provides advanced knowledge and skills for epidemiologic and public health research investigations. Students will focus on research methods specific to the field of epidemiology, including procedures for protecting human subjects, recruiting, and research question formulation, data collection, and analysis.
Offered: Resident

HLTH 695 Directed Research 1-3 Credit Hour(s)