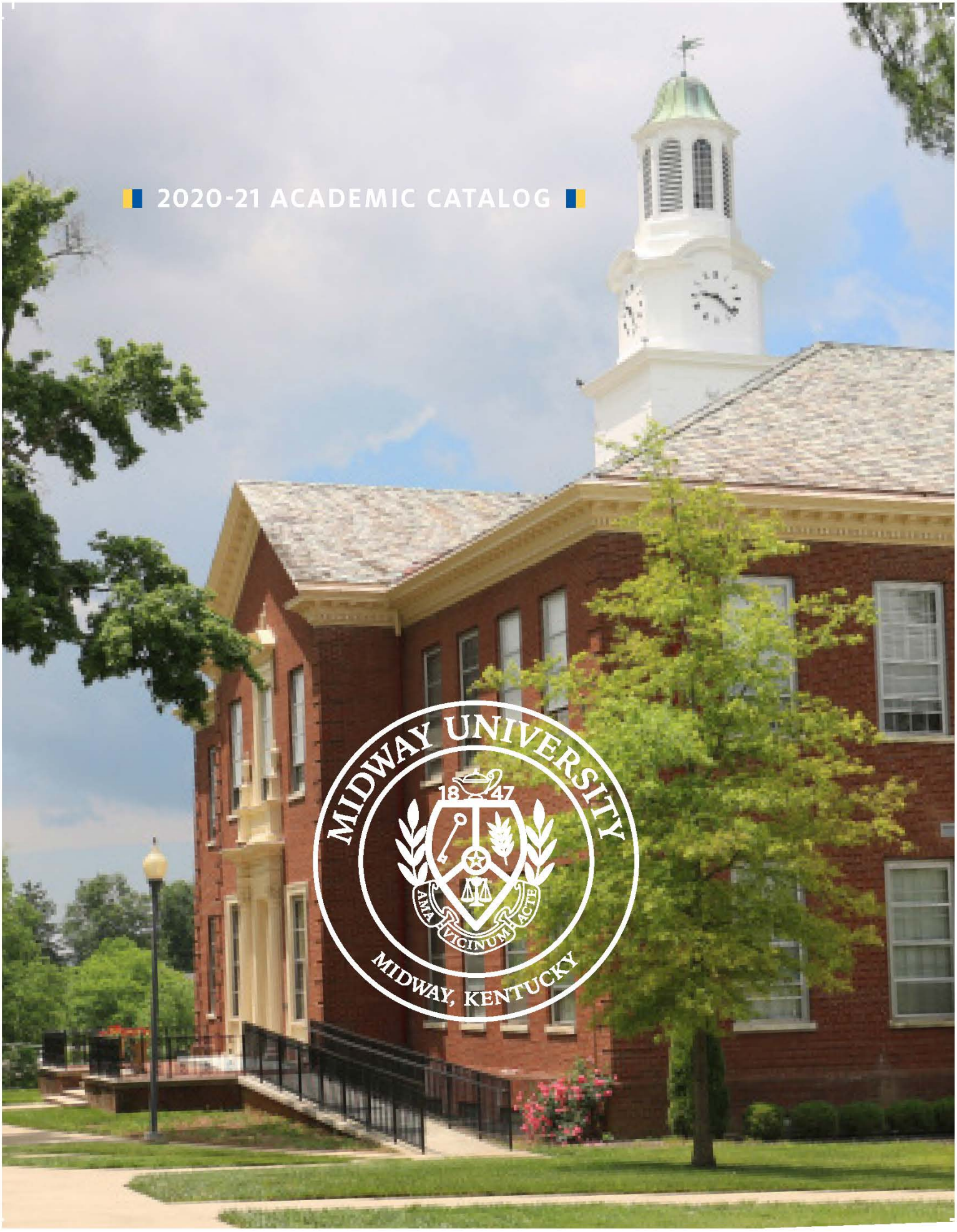
2020-21 ACADEMIC CATALOG



Midway University Course Catalog

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The Midway University Public Health program prepares students for a public health career and/or graduate public health program. The curriculum prepares students to work within and communicate with diverse communities including global populations. Students have access to a curriculum that focuses on the core disciplines of public health including biostatistics, health behavior, global health, environmental health, and epidemiology. The courses will specifically focus on community health, research, disaster preparedness, and health communication.

Student Learning Outcomes of Program:

- Apply knowledge of history, theory, and practice to promote prevention and wellness
- Apply public health strategies to improve health, safety and quality of life
- Analyze the effectiveness of varied health public programs
- Distinguish health disparities and promote social justice
- Formulate globally, socially and ethical responsibility in public health decisions
- Design communication strategies that promote public health campaigns
- Utilize ethical considerations working with diverse populations
- Identify, interpret, and evaluate, public health information, data, and evidence

Courses

PHL 101 - Introduction to Public Health (TBA)

Course To Be Approved (TBA) This course will introduce students to basic principles of public health which include ways to understand and improve the health and well-being of both individuals and populations. Exploration of public health history, the public health system, the relationship between public health and health care systems, and the role of regulation and governmental issues in public health will be examined.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 130 - Foundations of Public Health Education

This course is an introduction to public health education where students gain an understanding of the various ways in which people learn and develop a variety of skills to create effective learning teaching and strategies. Participants will also develop foundational skills in relation to instruction, as well as the use of philosophical and theoretical concepts to successfully implement educational content regarding health education and health promotion in public health.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 160 - U.S. Health Systems and Policy

This course introduces and describes the U.S. healthcare delivery system, including Public health as a system. The topics covered include the overall planning, organization, management, evaluation, and quality of health systems, health policy events, and ethics and human rights. Specifically, this course examines public health and healthcare policy from a public health perspective. Federal, state, and local health policies will be reviewed.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 260 - Research Methods

This course introduces the student to the fundamentals of research study design, methods and data collection. An introduction to quantitative, qualitative, and mixed methods mixed method and approaches to research, as well as ethical issues in conducting research. Through texts, articles from the public health literature and course work, students will build skills for research evaluation.

Grade Basis: L
Credit hours: 3.0

Lecture hours: 3.0

PHL 280 - Health Communication

This course will explore the communication demands of public health. Current issues and problems in health care systems that relate to communication will be examined. Communication strategies to achieve health care goals of both the individual and populations will be examined. Investigation of health literacy, health communication theory, and the strengthening of both verbal and written skills will take place.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 331 - Public Health Administration

This course centers itself with the administration, leadership, and management of public health care systems. Course content includes financing, process improvement, legal and ethical issues, development of policies and public health programs, and the delivery of health services by public health.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 341 - Social Determinants of Health

This course provides an overview of social determinants of health, and focuses on significant social, cultural, and bio-behavioral factors of health. Exploration of health behavior, issues related to social and behavioral interventions, and policies aimed at improving community and population health will be addressed.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 410 - Epidemiology in Public Health

This course introduces epidemiological background, basic principles and methods of public health epidemiology. It provides learners with a look at study design and the causes and patterns of health, illness, and death in different populations. Topics for discussion also include the biological, behavioral, sociocultural and environmental factors associated with the etiology and distribution of health and disease.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 415 - Public Health Preparedness and Disaster Management

This course is designed to provide training and education on public health preparedness and response to large-scale emergencies and disasters. The course builds upon and reinforces basic public health skills and awareness. The learner will be introduced to the knowledge, skills, and behaviors required for competency in public health preparedness and emergency response.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 420 - Biostatistics

This course introduces the basic principles and methods of data analysis in public health biostatistics. Emphasis is placed on public health concepts such as sampling, study design, descriptive statistics, probability, statistical distributions, estimation, hypothesis testing, chi-square tests, t-tests, analysis of variance, linear regression and correlation.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 430 - Behavior and Health

This course explores the personal, social, and environmental factors that influence health-related behaviors as well as the role of individuals, groups, institutions, social structures, and policy in the promotion of health behaviors. The course focuses on behavior change theories and the application of these theories to health promotion.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 450 - Environment and Health

This course covers a wide range of topics in environmental health sciences. Students will be provided with a general introduction to the core concepts of environmental health which include toxicology, epidemiology and risk assessment, and ways to examine the environmental health issues by applying core concepts. Environmental health issues in both developed and developing countries will be explored.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 460 - Community Health Promotion

This course focuses on individual and societal health-related decisions about interventions to improve health and prevent disease. Topics covered include the effect of social, economic, ethical, environmental, cultural, and political factors on different communities and populations.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 480 - Global Health

This introductory course provides a look at essential concepts of global health issues. Learners will apply these concepts to current global health challenges through course assignments, classroom engagement, and assigned reading. Throughout the course, students will gain critical and creative-thinking experience in applying tools and frameworks towards addressing diverse global health needs of diverse high-risk vulnerable populations at individual and societal levels.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

PHL 495 - Public Health Internship

Students will enroll in the public health internship course in their final semester of the Public Health Program. This internship experience draws on students' experience in the core areas of public health, and their additional concentration coursework. Students will integrate the skills and knowledge gained throughout the program and learn critical elements of public health practice in an approved setting.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

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