

# PUBLIC HEALTH (PHP)

## PHP 600 Selected Topics (1-6 Credits)

*Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable 6 times for 6 credits maximum

## PHP 603 Introduction to Trauma Studies (3 Credits)

*Maxwell*

Cross-listed with MFT 603

This course is an overview of trauma studies and examines trauma typology, prevention, and intervention and is taught through an ecosystemic lens.

## PHP 605 Science and Practice of Mindfulness (3 Credits)

*Maxwell*

Double-numbered with PHP 405

This course explores the neuroscience, psychology, and physiology of mindfulness and its application to mental and physical health across various public health contexts. Students engage in direct practice of evidence-based mindfulness practices. Additional work required of graduate students.

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

## PHP 607 Health Behavior Change Communication Skills (3 Credits)

*Maxwell*

Double-numbered with PHP 407

Philosophies, practices, and outcomes of behavioral change. Motivational interviewing and solution-focused approaches to addictions and related health counseling. Additional work required of graduate students.

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

## PHP 609 The Impact of Addictions on Families and Relationships (3 Credits)

*Maxwell*

Knowledge of effects of chemical dependency on family and significant others. Importance of family support in recovery. Knowledge of basic family support approaches.

## PHP 612 Global Perspectives in Alcohol & Other Drug Policies (3 Credits)

*Maxwell*

Double-numbered with PHP 412

Traveling throughout Europe, this seminar course examines historical and contemporary influences of public health, drug policies, the drug war and their connections with complex trans-national economic issues such as immigration, and human trafficking. Additional work required of graduate students.

## PHP 615 Public Health Ethics (3 Credits)

*Maxwell*

Double-numbered with PHP 415

Ethical issues in public health, including legal and policy responses. Role of religious and social values in setting health policy. Additional work required of graduate students.

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

## PHP 616 Global Health and Aging (3 Credits)

*Maxwell*

Double-numbered with PHP 416

A life course approach to examine health changes in late life, focusing on chronic disease epidemiology, social models of aging, quality of life, health care priorities/issues, and racial and social disparities in successful aging. Additional work required of graduate students.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

## PHP 617 Indigenous Peoples, Colonization, and Global Health (3 Credits)

*Maxwell*

Double-numbered with PHP 417

Examines the intersections of indigenous peoples' health with colonization and global health policy. Additional work required of graduate students.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

## PHP 618 Alcohol, Other Drugs, Sex and Gambling: Dynamics of Addiction (3 Credits)

*Maxwell*

The biological, psychological, and social factors of substance use and related addictions that exist across cultures and species.

## PHP 621 Research Methods in Public Health (3 Credits)

*Maxwell*

A review of foundational concepts in research, with an emphasis on research methods common in public health.

## PHP 622 Research Proposal Development (2 Credits)

*Maxwell*

Planning, design, organization and management of a master's level project or thesis in public health.

Prereq: PHP 621 Please review Class Notes within Class Search Results - Class Section > View Details.

## PHP 623 Ethical Issues in Public Health, Food and Nutrition Research (1 Credit)

*Maxwell*

An introduction to the ethics of scientific research in Public Health. This course includes the development of a complete IRB proposal.

Coreq: PHP 622 Please review Class Notes within Class Search Results - Class Section > View Details.

## PHP 624 Introduction to Prevention Science (3 Credits)

*Maxwell*

Students examine risk and protective factors and design effective programs that promote well-being across the lifespan for diverse cultures. This course emphasizes theories, principles, and strategies of evidence-based prevention designed to meet identified community needs.

**PHP 627 Health Leadership and Management (3 Credits)***Maxwell*

History of the field of public health management, key contemporary issues in the organization, regulation, financing, and delivery of healthcare services in the U.S. and globally, and leading health care programs and organizations.

**PHP 630 Analysis of Public Health Data (3 Credits)***Maxwell*

An introduction to commonly used methods for analyzing health data. Use of statistical and graphical software will be emphasized.

**PHP 631 Intermediate Biostatistics (3 Credits)***Maxwell*

Univariate statistical techniques, to include multiple linear and logistical regression, for analyzing health data with a single outcome variable with covariates. Use of statistical software will be emphasized.

Prereq: PHP 630 Please review Class Notes within Class Search Results - Class Section > View Details.

**PHP 632 Advanced Biostatistics (3 Credits)***Maxwell*

Conduct statistical analysis of public health related time-to-event data and counts data, and conduct meta-analysis as they relate to public health data.

Prereq: PHP 631 Please review Class Notes within Class Search Results - Class Section > View Details.

**PHP 633 Spatial statistics for public health (3 Credits)***Maxwell*

Statistical approaches to the analysis of public health related spatial data.

Prereq: PHP 630 Please review Class Notes within Class Search Results - Class Section > View Details.

**PHP 636 Ethics in Addiction Services (3 Credits)***Maxwell*

Double-numbered with PHP 436

Application of professional codes of ethics and ethical standards using case studies of ethical dilemmas within the addiction services. Additional work required of graduate students

Shared Competencies: Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

**PHP 638 Native American Health Promotion (3 Credits)***Maxwell*

Cross-listed with NAT 638

Double-numbered with PHP 438, NAT 438

Examines Native American culture and its contribution to wellness, including indigenous foodways, fitness and indigenous knowledge as an adjunct to chemical dependency treatment. Includes the historical roots of trauma as social determinants of health disparities. Additional work required of graduate students.

**PHP 642 Substance Use and Mental Health: Global Contexts (3 Credits)***Maxwell*

The role of global contexts in the classification, development, and prevention of substance use and mental health disorders, with a focus on social determinants, health equity, and social justice

**PHP 648 Global Health Communication and Advocacy (3 Credits)***Maxwell*

Double-numbered with PHP 448

Communication and advocacy approaches for addressing public health challenges with diverse audiences; risk communication, evaluation of health communication and advocacy programs; use of mass media across global contexts. Additional work required of graduate students. Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

**PHP 661 Development and Evaluation of Public Health Programs (3 Credits)***Maxwell*

Public health approaches to program design, implementation, and evaluation.

**PHP 662 Culture and Reproductive Health and Medicine (3 Credits)***Maxwell*

Cross-listed with ANT 662

Double-numbered with ANT 462, WGS 462, PHP 462

Cultural anthropological approaches to cross-cultural variations in reproductive practices (pregnancy, childbirth, infertility, etc.) Impact of globalization, biomedicalization, international development on reproduction and reproductive health. Medical anthropology and gender studies.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

**PHP 663 Global Health (3 Credits)***Maxwell*

Cross-listed with ANT 663

Double-numbered with ANT 463, PHP 463

Global health in anthropological perspective. Examines how culture affects people's experience and response to morbidity and mortality. Considers topics like gender and health, reproductive health, infectious disease, health and inequality and health and war.

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

**PHP 664 Health Equity & Social Determinants of Health (3 Credits)***Maxwell*

Examines theories of justice, social determinants of health, and approaches to address social injustices and public health inequities.

**PHP 665 Public Health Policy (3 Credits)***Maxwell*

Cross-listed with PAI 665

Analysis of factors that influence health policy making and the development of health policies. Individual country policy responses to national health problems will be compared as well as multilateral policy approaches to global health challenges.

**PHP 667 Public Health Applied Practice Experience (3 Credits)***Maxwell*

Provides opportunities for students to demonstrate public health competencies in a practice setting.

Advisory recommendation Prereq: PHP 675

**PHP 668 Applied Epidemiology (3 Credits)***Maxwell*

Epidemiological methods used in the study of public health problems. Topics will be illustrated with examples from local, national, and global settings.

**PHP 669 Disability and Global Health (3 Credits)***Maxwell*

Major theories, historical events, laws, and research related to health and wellness worldwide among those living with disabilities.

**PHP 670 Experience Credit (1-6 Credits)***Maxwell*

Repeatable

**PHP 675 Internship/Practicum Pre-Planning (0 Credits)***Maxwell*

Double-numbered with PHP 375

Pre-planning for matching and securing an internship/practicum. Course facilitates access to the Tevera Internship system via BlackBoard.

Repeatable 4 times for 0 credits maximum

**PHP 690 Independent Study (1-6 Credits)***Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

**PHP 704 Infectious Disease: Epidemiology and Control (3 Credits)***Maxwell*

An introduction to topics and methods in the control and epidemiology of major infectious diseases. Includes the estimation of the importance of risk and resilience factors associated with disease.

Prereq: PHP 668 Please review Class Notes within Class Search Results - Class Section > View Details.

**PHP 705 Global Health Governance (3 Credits)***Maxwell*

Diverse organizations, consortiums and networks engaged in global health governance; the tools and mechanisms used, and how global health governance impacts health actions, equity, and human rights

**PHP 706 Environmental Determinants of Global Health (3 Credits)***Maxwell*

Topics and methods informing our understanding of the major environmental public health problems in industrialized and developing countries. Includes the critical evaluation of research on how various environmental factors affect human health.

**PHP 707 Integrative Learning Experience (3 Credits)***Maxwell*

Integration of the public health competencies achieved and students' professional goals. Culminates in a written product intended for external stakeholders building upon student's professional goals in public health and demonstrating the skills and knowledge obtained.

**PHP 997 Master's Thesis (3 Credits)***Maxwell*

Written document exhibiting substantive and original research in Public Health. Planned under direction of major departmental advisor.