

Health (HEAL)

HEAL 1025 Culture and Health (3 credits)

Cultural perspective of concepts of health and illness including the relationship of health care behaviors and beliefs to culture and social structure. Foster an appreciation for intercultural competence.

Level of Study: Undergraduate

Marquette Core Curriculum: Engage Social Systems & Values1

Interdisciplinary Studies: Africana Studies, Family Studies, Latinx Studies, Peace Studies

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201025>)

HEAL 1025H Honors Culture and Health (3 credits)

Cultural perspective of concepts of health and illness including the relationship of health care behaviors and beliefs to culture and social structure. Foster an appreciation for intercultural competence. As an Honors Program course, includes a more intensive research or project component.

Prerequisite: Admission to Marquette University Honors Program.

Level of Study: Undergraduate

Marquette Core Curriculum: Engage Social Systems & Values1

Last four terms offered: 2023 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201025H>)

HEAL 1060 Survey of Biochemistry (3 credits)

An introduction to the chemical structure and function of cellular components including carbohydrates, amino acids and proteins, lipids, enzymes and nucleic acids. Cellular metabolic processes are explored.

Prerequisite: NURS major.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201060>)

HEAL 1200 Women's Health (3 credits)

A self-care approach to health maintenance, the physical and psychosocial changes during the life cycle, and the health care system as these pertain to women in our society.

Level of Study: Undergraduate

Interdisciplinary Studies: Gender and Sexualities Studies

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201200>)

HEAL 1400 Veteran Health and Culture (3 credits)

Prepares the learner to better understand the unique needs of the Veteran through exposure to elements of sociopolitical, health and culture. Does not focus on the active military perspective.

Level of Study: Undergraduate

Interdisciplinary Studies: Peace Studies

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201400>)

HEAL 1931 Topics in Health Care (2-3 credits)

Various topics in health care as identified in the Schedule of Classes.

Level of Study: Undergraduate

Last four terms offered: 2020 Fall Term, 2020 Spring Term, 2019 Fall Term, 2017 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%201931>)

HEAL 2045 Normal and Therapeutic Nutrition (3 credits)

Nutritional aspects of health promotion. Therapeutic dietary needs of clients with various health status deviations.

Prerequisite: Soph. standg. and HEAL 1060 and BISC 1015; not open for credit to students who have completed BISC 3110.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%202045>)

HEAL 2100 Introduction to Global Health (3 credits)

Exploration of primary health care principles and models. Focus is on multidisciplinary approaches to the examination of interacting factors contributing to the health of populations.

Prerequisite: Soph. stndg.

Level of Study: Undergraduate

Interdisciplinary Studies: Ethics

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%202100>)

HEAL 2300 Complementary and Alternative Health Practices (3 credits)

Explores complementary and alternative approaches to health considering the cultural, spiritual and religious perspectives and their impact on healing practices. Topics include meditation, yoga, biofeedback, aromatherapy, medicinal herbs, healing touch, homeopathy, reflexology, chiropractic, acupuncture and massage.

Prerequisite: Soph. stndg.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%202300>)

HEAL 3100 International Health (3 credits)

Overview of international health goals, issues, problems and programs. Includes factors influencing health, comparisons of health indicators and health systems, and global health interventions.

Prerequisite: Jr. stndg.

Level of Study: Undergraduate

Last four terms offered: 2004 Spring Term, 2003 Fall Term, 2001 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%203100>)

HEAL 3200 Bioethics for Healthcare: Foundations, Dilemmas and Decision-Making (3 credits)

Engages in a debate of the main ethical issues of clinical practices in health care institutions and health care actions in public and global health.

Provides future health care professionals, especially nurses in their daily accompaniment of their patients, with theoretical foundations and practical skills to handle ethical and bioethical dilemmas and lead decision-making processes.; NURS or HESC major.

Prerequisite: Jr. stndg.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%203200>)

HEAL 4000 Epidemiology (3 credits)

Analysis of occurrence and patterns of disease in populations including prevention and control strategies.

Level of Study: Undergraduate

Last four terms offered: 2002 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204000>)

HEAL 4200 Natural Family Planning (3 credits)

Physiological, behavioral, and spiritual aspects important to teaching and using natural family planning.

Prerequisite: Jr. stndg.

Level of Study: Undergraduate

Last four terms offered: 2011 Fall Term, 2010 Fall Term, 2009 Fall Term, 2008 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204200>)

HEAL 4201 Natural Family Planning Practicum (3 credits)

Practical application of theory and skills for teaching natural family planning.

Prerequisite: Jr. stndg.

Level of Study: Undergraduate

Last four terms offered: 2012 Spring Term, 2011 Spring Term, 2008 Spring Term, 2007 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204201>)

HEAL 4300 Microbiology (4 credits)

Provides an overview of clinical and medical microbiology as it relates to the nursing profession. Includes a survey of the structure, function, transmission, diagnosis and control of common microorganisms. Special emphasis is placed on the ancillary role of the clinical microbiology laboratory in the diagnosis of infectious diseases.

Prerequisite: Sr. stndg. and NURS major; or cons. of instr.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204300>)

HEAL 4901 Interdisciplinary Palliative Care (3 credits)

Provides an understanding of the breadth and depth of palliative care practices and services available to caregivers, patients and their families.

Prerequisite: Soph. stndg.

Level of Study: Undergraduate

Marquette Core Curriculum: NSM Basic Needs & Justice

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204901>)

HEAL 4901H Honors Interdisciplinary Palliative Care (3 credits)

Provides an understanding of the breadth and depth of palliative care practices and services available to caregivers, patients and their families. As an Honors Program course, includes a more intensive research or project component.

Prerequisite: Soph. stndg. and admission to Marquette University Honors Program.

Level of Study: Undergraduate

Marquette Core Curriculum: NSM Basic Needs & Justice

Last four terms offered: 2023 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204901H>)

HEAL 4931 Topics in Health (3 credits)

Selected topics in Health. The topics will be designated in the Schedule of Classes.

Level of Study: Undergraduate

Last four terms offered: 2018 Spring Term, 2017 Spring Term, 2016 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204931>)

HEAL 4995 Independent Study in Health (1-3 credits)

Intensive library search or a research project relative to a specific area of interest. Arrangements for faculty direction must be made prior to registration. May be taken twice.

Level of Study: Undergraduate

Last four terms offered: 2020 Spring Term, 2014 Spring Term, 2013 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%204995>)

HEAL 5200 Natural Family Planning (3 credits)

Physiological, behavioral, and spiritual aspects important to teaching and using natural family planning.

Level of Study: Graduate

Last four terms offered: 2010 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%205200>)

HEAL 5201 Natural Family Planning Practicum (3 credits)

Practical application of theory and skills for teaching natural family planning.

Level of Study: Graduate

Last four terms offered: 2012 Spring Term, 2011 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%205201>)

HEAL 5901 Interdisciplinary Palliative Care (3 credits)

Provides an understanding of the breadth and depth of palliative care practices and services available to caregivers, patients and their families.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%205901>)

HEAL 5931 Topics in Health (3 credits)

Selected topics in Health. The topics will be designated in the Schedule of Classes.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%205931>)

HEAL 6007 Ethics Policy and Advocacy in Health Care Organizations (3 credits)

Forum for the interprofessional exploration of ethical issues in healthcare organizations. Introduces ethical theories and principles and applies ethical decision-making processes to clinical and organizational issues. Examines personal values and professional codes and their impact on ethical issues at the individual, institutional and societal levels.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206007>)

HEAL 6009 Health Care Systems: Managing Populations and Access (3 credits)

Exploration of healthcare systems, models and implications for leadership. Examines concepts of systems, complexity, change, access, continuum of care, population health and health inequities.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206009>)

HEAL 6010 Translational Research (3 credits)

Principles of evidence-based practice and implementation science applied to the translation of evidence to health care practice.

Prerequisite: NURS 6010, HEAL 8015 or equiv.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206010>)

HEAL 6101 Foundations of Learner-Centered Teaching (3 credits)

Introduction to the role of the academic educator and developing learner-centered educational experiences to meet cognitive, affective and psychomotor learning outcomes in healthcare education. Explores evidence-based practices for teaching, using cognitive and learning theories, with an emphasis on application of practical strategies to plan and conduct educational experiences in nursing and other healthcare disciplines.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206101>)

HEAL 6102 Curriculum Design and Implementation (3 credits)

Introduction to the process of curriculum development including philosophical, social, political, economic and professional issues that need to be considered in planning new curricula, evaluating existing curricula and understanding changing curricula for the academic educator in health care disciplines. Examines unique aspects of planning and implementing curricula in different educational environments, with an emphasis on application of practical and evidence-based strategies.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206102>)

HEAL 6103 Assessment and Evaluation of Individuals and Programs in Health Care Education (3 credits)

Introduces the role of the academic educator in integrating concepts of assessment and evaluation of individuals and programs within healthcare education. Assessment, feedback and evaluation concepts, models and frameworks are analyzed for applicability to teaching and learning environments in the classroom, clinical settings and programs. Item writing, implementation, analysis and revision pertinent to testing is applied to different environments.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206103>)

HEAL 6104 Facilitating Learning in Clinical Environments (3 credits)

Focuses on the role of the academic educator in clinical environments within healthcare education. Includes application of theory, evidence-based practice, curriculum, instruction, assessment and evaluation strategies to successfully conduct educational experiences in traditional and simulation clinical environments.

Level of Study: Graduate

Last four terms offered: 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206104>)

HEAL 6105 Facilitating Learning in Classroom and Online Environments (3 credits)

Focuses on the role of the academic educator in classroom and online environments within healthcare education. Includes application of theory, evidence-based practice, curriculum, instruction, assessment and evaluation strategies to successfully conduct educational experiences in the classroom and online (synchronous and asynchronous) environments.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2022 Summer Term, 2021 Fall Term, 2020 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206105>)

HEAL 6825 Quality & Patient Safety in Health Care (3 credits)

Theories and principles of leadership and organizational change applied to quality and patient safety in health care. Strategies for developing the culture and infrastructure needed to support patient safety and quality improvement initiatives.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206825>)

HEAL 6830 Quality Improvement Science in Health Care (3 credits)

Explores improvement science including quality and patient safety theories, models, methods and tools. Application of measurement, data management and analysis to quality improvement and patient safety challenges.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206830>)

HEAL 6835 Health Care Informatics, Technology and Professional Issues (3 credits)

Examines current health care realities, with an emphasis on the use of technology for policy, regulation, collaboration and interdisciplinary practice issues. Includes information technology applications in healthcare administration, clinical practice and education.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206835>)

HEAL 6836 Marketing and Economics in Health Care (3 credits)

Provides a grounding in basic marketing concepts and practices and an economic framework from which to better understand the health care environment, its challenges and opportunities.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206836>)

HEAL 6837 Workforce Solutions: Culture, People and Processes (3 credits)

Principles and practices for creating and managing the evolving, engaged workforce. Knowledge and skills needed to create a thriving, responsive health care workplace.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206837>)

HEAL 6838 Leading People, Innovation and Strategic Change in Health Care Organizations (3 credits)

Models, competencies and practices of highly effective, ethically driven and data focused strategic leaders in health care. Highlights principles and practices for managing change and innovation.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206838>)

HEAL 6839 Healthcare Financial Literacy (3 credits)

Describes the foundational concepts of accounting, budgeting and finance in healthcare environments. emphasizes the leader's role in understanding, analyzing and using relevant financial information for management decision making in a healthcare setting.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206839>)

HEAL 6840 The Environment of Health Care Delivery (2-3 credits)

Overview of U.S. health care system, environmental influences, and current models for health care delivery (e.g., fee for service, modified fee for service, managed care, capitated care, IPOs, HMOs), and the ascendancy/descendency of various models in different geographic regions and in response to economic incentives.

Prerequisite: Enrolled in Graduate School.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206840>)

HEAL 6845 Case Management (3 credits)

Care services coordination of individuals and families to maximize resources for optimal health outcomes. Emphasis on integration of clinical and management processes. Includes one credit of practicum.

Prerequisite: Health profession experience or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2010 Fall Term, 2009 Fall Term, 2008 Fall Term, 2007 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206845>)

HEAL 6848 Health Care Policy (3 credits)

Concepts of public policy including the political process. Analysis of health care issues using a variety of policy models.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206848>)

HEAL 6931 Topics in Health Care (1-4 credits)

In-depth study of current issues in health care. Course content will be announced each term.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Fall Term, 2021 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206931>)

HEAL 6961 Health Systems Leadership Immersion Experience (1 credits)

Immersion experience focused on development of deep understanding of Self as Leader, effective communication skills, learning and networking with health care leaders.

Prerequisite: Admitted to a graduate program in HSLD.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206961>)

HEAL 6963 Individual Study and Practice (1-3 credits)

Individual study and development of in-depth knowledge and skill in a selected area of health care. Experience and activities planned in an area for specialization, based on aptitude and interests of the student. May be repeated for credit.

Prerequisite: Cons. of instr.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206963>)

HEAL 6965 Applied Health Data Analytics Practicum (3 credits)

Application of advanced health care data analytics knowledge in a mentor-guided experience in a practical setting.

Prerequisite: HEAL 8016.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206965>)

HEAL 6995 Independent Study in Health Care (1-3 credits)

Faculty-supervised, independent study/research of a specific area or topic in Health Care.

Prerequisite: Cons. of instr.

Level of Study: Graduate

Last four terms offered: 2019 Fall Term, 2019 Spring Term, 2017 Fall Term, 2010 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%206995>)

HEAL 7010 Translational Research (3 credits)

Principles of evidence-based practice and implementation science applied to the translation of evidence to health care practice.

Prerequisite: NURS 6010, HEAL 8015 or equiv.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207010>)

HEAL 7012 Epidemiology (3 credits)

Study of patterns of health/illness in specific populations and analysis of risk. Application of epidemiology methods, including biostatistics.

Prerequisite: NURS program and HEAL 8015, which may be taken concurrently; or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207012>)

HEAL 7049 Outcomes Management (3 credits)

Evolution of outcomes management. Exploration of methodologies, assessment instruments and issues that guide outcomes research.

Prerequisite: NURS 6010 or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207049>)

HEAL 7825 Quality and Patient Safety in Health Care (3 credits)

Theories and principles of leadership and organizational change applied to quality and patient safety in health care. Strategies for developing the culture and infrastructure needed to support patient safety and quality improvement initiatives.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207825>)

HEAL 7830 Quality Improvement Science in Health Care (3 credits)

Explores improvement science including quality and patient safety theories, models, methods and tools. Application of measurement, data management and analysis to quality improvement and patient safety challenges.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207830>)

HEAL 7835 Health Care Informatics, Technology and Professional Issues (3 credits)

Examines current health care realities, with an emphasis on the use of technology for policy, regulation, collaboration and interdisciplinary practice issues. Includes information technology applications in health care administration, clinical practice and education.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%207835>)

HEAL 8002 Qualitative Research (3 credits)

Analysis of key qualitative research methods, issues related to these approaches, and the nature of knowledge generated.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208002>)

HEAL 8003 Quantitative, Mixed and Multi-Methods Research (3 credits)

Exploration and analysis of advanced quantitative, mixed and multi-methods methodologies and issues related to these approaches.

Prerequisite: NURS 8000, HEAL 8015, which may be taken concurrently and HEAL 8016, which may be taken concurrently.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2020 Fall Term, 2019 Fall Term, 2017 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208003>)

HEAL 8004 Advanced Qualitative Research (3 credits)

Provides an in-depth study of select qualitative methodologies within the context of origins, history and philosophical foundations. Methods and data analysis are applied to a research question to generate ethical, rigorous results that are congruent with methodology.

Prerequisite: NURS 8000 and HEAL 8002 or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208004>)

HEAL 8008 State of the Science (3 credits)

Cultivates an understanding of knowledge development and the current state of the science in a chosen phenomenon of inquiry. Students analyze, synthesize and critique relevant disciplinary and interdisciplinary literature to advance the knowledge and understanding associated with the selected phenomenon.

Prerequisite: NURS 8000 or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208008>)

HEAL 8010 Health Equity and Disparity (3 credits)

Concepts, theories and research relevant to health equity, with emphasis on the multiple contextual influences that contribute to health disparities.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208010>)

HEAL 8015 Applied Statistics for Health Sciences (3 credits)

Overview of applied statistics, including descriptive statistics, probability, sampling, power calculations, bivariate parametric and non-parametric analysis, and introduction to multivariate analysis. Emphasis on appropriate statistics for study design, level of measurement, and interpretation of results.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208015>)

HEAL 8016 Advanced Applied Statistics (3 credits)

An overview of advanced applied statistics focusing on multivariate analysis, including multivariate normal distribution, principle components analysis, factor analysis and cluster analysis. Emphasizes appropriate statistics for study design, level of measurement and interpretation of results., or cons. of instr.

Prerequisite: HEAL 8015 or equiv.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2020 Spring Term, 2019 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208016>)

HEAL 8017 Advanced Statistical Methods for Large Data Set Analysis (3 credits)

Applies the four types of data analysis (descriptive, diagnostic, predictive and prescriptive) to large data sets using advanced statistical methods. Uses data analytic tools to analyze and systematically extract information from large, diverse data sets to create meaningful models, patterns, visualization and relevant insights for exploratory and confirmatory big data analysis.; or cons. of instr.

Prerequisite: HEAL 8015; HEAL 8016 or equiv.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208017>)

HEAL 8018 Advanced Measurement in Health Care (3 credits)

Theory and science of measurement commonly used in health care. Analytic procedures for addressing measurement issues.

Prerequisite: HEAL 8015 or PSYC 8101; HEAL 8016 or PSYC 8102, which may be taken concurrently; or cons. of instr.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%208018>)

HEAL 9970 Graduate Standing Continuation: Less than Half-Time (0 credits)

Fee. SNC/UNC grade assessment. Designated as less than half-time status only, cannot be used in conjunction with other courses, and does not qualify students for financial aid or loan deferment.

Prerequisite: Cons. of dept. ch.

Level of Study: Graduate

Last four terms offered: 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=HEAL%209970>)