Gerontology
Department of Social Work
GERN/SOCI 280. Social Gerontology. 3 credits.
An interdisciplinary introduction to the study of aging. The course provides an overview of issues surrounding aging in contemporary society: personal, familial, communal and societal. Corequisite: 20 hours of community service-learning.
GERN 305. Programs and Services for the Elderly. 3 credits.
A review of the programs and services provided for the elderly in the public and private sectors of America. Observations and participation in local programs for the elderly will be required. Prerequisite: GERN/SOCI 280.
GERN/FAM/SOWK 375. Grant Writing for Agencies. 3 credits.
Emphasizing active learning, this course teaches the basics of grant and proposal writing. Efficient research, persuasive prose and the importance of relationships are stressed. Private and corporate philanthropy and government grants are examined.
GERN 400. Skills and Techniques in Gerontological Assessment. 3 credits.
The study of the skills and techniques used in assessing the elderly client. Assessment is made from the holistic approach: physical, psychological and social. Prerequisite: GERN/SOCI 280.
GERN 487. Special Topics in Gerontology. 3 credits.
Examination of selected topics in gerontology that are of current importance in the field of gerontology. Course may be repeated for credit.
GERN 490. Special Studies in Gerontology. 1-3 credits.
Independent study in gerontology under faculty supervision. Limited to gerontology minors. Can be repeated for credit. Prerequisites: GERN/SOCI 280, GERN 305 and GERN 400 or permission of instructor.
GERN 495. Field Experience/Seminar in Gerontology (1, 6). 3 credits.
Supervised field experience in gerontology settings that allows observation and experience with the well and frail elderly. A minimum of six hours in the assigned setting each week and one hour seminar on campus. Prerequisites: GERN/SOCI 280, GERN 305 and GERN 400, major elective, and approval of the gerontology minor adviser.

Graphic Design
School of Art, Design and Art History
All 200-level GRPH courses are limited to declared art, art history, graphic design and interior design majors during the fall and spring semesters. GRPH courses at the 300-level and above are restricted to graphic design majors. During May and summer sessions, 200-level GRPH courses are open to all students who meet the additional stated course prerequisites. Non-majors wishing to enroll in a GRPH course during fall and spring semesters may request permission of the instructor.
Introduction to graphics on the computer. Students will explore hardware and software that relate to the presentation of graphic design projects and computer generated imaging. Prerequisites: ART 102 and ART 104 or permission of the instructor.
GRPH 202. Design Methodology (0, 9). 3 credits.
Exploration of strategies for conceptualizing, analyzing and solving design problems. Emphasis is placed on graphic presentation of ideas and the creative process. Prerequisite: ART 102.
GRPH 206. Introduction to Typography (0, 9). 3 credits.
An introduction to the study of letter forms for their aesthetic and communicative value. Typographic fundamentals of alphabet history, type classification, printing technology effects, font design, visual space, hierarchy, and grid systems will be explored. Prerequisite: GRPH 200.
GRPH 208. Portfolio Review. 0 credits.
Portfolio review required to enroll in graphic design courses at upper division standing. May be repeated once for pass/fail standing. Prerequisites: GRPH 200 and GRPH 202. Prerequisite or corequisite: GRPH 206.
GRPH 300. Illustration (0, 9). 3 credits.
Through demonstrations, theory and practical application, students are introduced to numerous media and illustrative techniques. Encouraged experimentation is tempered by an understanding of problem solving and conceptualization. Prerequisite: GRPH 208.
GRPH 304. Package Design (0, 9). 3 credits.
Through theory, demonstrations and practical application, students learn to design in three-dimensions. Focus will be placed on aesthetics, as well as the form and function of a product’s housing. Prerequisite: GRPH 208.
GRPH 306. Intermediate Typography (0, 9). 3 credits.
An intermediate study of typography for its aesthetic and communicative value. Context effects on legibility and readability, type as image, type in sequence, and typographic systems will be explored. Prerequisite: GRPH 208.
GRPH 312. Web Design. 3 credits.
Introduction to Web design through theory and practical application. Assignments will focus on the unique form, content and structures associated with designing for the World Wide Web. Special emphasis on the creative process and the graphic presentation of ideas. Prerequisite: GRPH 208.
GRPH 340. Poster Design (0, 9). 3 credits.
Through theory and practical application, students learn to design for the poster realm. Focus will be placed on aesthetics, as well as form and function. Encouraged experimentation is tempered by an understanding of problem solving and conceptualization. Prerequisite: GRPH 208.
Independent activity at the intermediate level, such as research or studio practice, under faculty supervision. Projected studies in any area of the school’s offering must be arranged with the instructors who will direct them. Offered only with the consent of the instructor. Prerequisite: GRPH 208.
GRPH 392. Topics in Graphic Design. 3 credits. Offering varies.
Study of selected topics in graphic design at the intermediate level. May be repeated when course content changes. See MyMadison for current topics. Prerequisite: GRPH 208.
GRPH 406. Advanced Typography (0, 9). 3 credits.
An advanced study of typography for its aesthetic and communicative value. Topics of research, narrative, information design, format organization and production techniques will be explored. Solutions reflect advanced text and image integration knowledge through complex and variable structure development. Prerequisite: GRPH 306.
GRPH 408. Brand Identity. 3 credits.
Exploration of visual identities utilizing a holistic, systems approach to design. Introduces business strategies and design techniques associated with brand development. Emphasis is placed on methods of thinking, research and implementation. Prerequisite or corequisite: GRPH 406.
GRPH 410. Graphic Design Portfolio. 3 credits.
An examination of the business of graphic design, employment strategies and freelance opportunities. Focus is placed on solidification of the portfolio for employment and/or graduate school. This course is strongly recommended for the last semester prior to graduation. Prerequisite: GRPH 406. Corequisite: GRPH 408.
Independent activity, such as research or studio practice, under faculty supervision. Projected studies in any area of the school’s offering must be arranged with the instructors who will direct them. Offered only with consent of the director. Prerequisite: GRPH 208.
GRPH 491. Studio Assistant. 1-3 credits, repeatable. Offering varies.
An on-campus program monitored on an individual basis designed to provide practical studio experience in the visual arts. Students will learn safe studio practices and management skills, including material use, inventory control, and the proper operation of equipment found within various individual classroom studios. Prerequisite: Permission of the instructor.
GRPH 492. Topics in Graphic Design. 3 credits. Offering varies.
Study of selected topics in graphic design at the advanced level. May be repeated when course content changes. See MyMadison for current topics. Prerequisite: GRPH 208.
GRPH 496. Internship in Graphic Design. 1-6 credits. Offering varies. May be repeated once for pass/fail standing. An off-campus program prepared and monitored on an individual basis. Internships are designed to provide practical experience in the arts. Prerequisites: Permission of the instructor and GRPH 208; students can only enroll for a maximum of 3 credits per Internship. ARTH 394 if in museums and galleries.
GRPH 499. Honors (1, 3, 2). 6 credits total for three semesters. Prerequisite: GRPH 208.

Greek
Department of Foreign Languages, Literatures and Cultures
GRK 101. Elementary Greek I. 3-4 credits.
Designed to provide a reading knowledge of Classical Greek as well as New Testament koine. Greek life, thought and culture are stressed. Especially recommended for science, English and philosophy majors.

http://www.jmu.edu/catalog/13
GRK 102. Elementary Greek II. 3-4 credits.
Designed to provide a reading knowledge of Classical Greek as well as New Testament koine. Greek life, thought and culture are stressed. Especially recommended for science, English and philosophy majors.

GRK 231. Intermediate Greek I. 3 credits each semester.
An intensive reading course. Selections from Classical Greek writers and/or the New Testament. Prerequisite: One year of college Greek or equivalent.

GRK 232. Intermediate Greek II. 3 credits.
An intensive reading course. Selections from Classical Greek writers and/or the New Testament. Prerequisite: GRK 231 or permission of the instructor.

Health
Department of Health Sciences

GHTH 100. Personal Wellness. 3 credits. Offered fall and spring.
Introductory study of the roles of the teacher and the learner and the psychosocial aspects of health and physical education. An in-depth examination of the unique positions and qualifications of the specialist in physical education and health. Systematic observations will occur. Prerequisite: Admission to teacher education.

HHTH/KIN 312. The Profession of Teaching Health & Physical Education. 2 credits. Offered fall and spring.

HTH 206. Advanced Athletic Training. 3 credits. Offered fall and spring.
This course involves advanced study of injuries associated with physically active individuals including injury mechanisms, signs and symptoms, and treatments. Other topics include relationships of athletic trainers build with other health care professionals; environmental issues related to physical activity; and special needs of various populations. Prerequisite: BIO 290 and HTH 205.

HTH 230. Community Health. 3 credits. Offered fall and spring.
An introduction to community health including its foundations, the tools of community health such as epidemiology, community organization, disease control and health promotion. The course focuses on the populations, settings and special issues of community health. Prerequisite: GHTH 100.

HTH 252. Sexually Related Diseases. 1 credit.
Sexually transmitted diseases and other sexual systems problems (breast and testicular cancer), nonveneral diseases, chromosomal anomalies, sexual disorders of the genitalia and urinary system problems.

HTH 270. Personal Health Promotion. 3 credits.
A survey of principles for the promotion of optimum individual, family and community health through intelligent self-direction of health behavior. Topics include the physical, mental and social dimension of health economics, disease control, human sexuality, chemical abuse, injury control, and nutrition.

HTH 278. Alcohol: Use and Abuse. 1 credit.
Survey of the drug alcohol. Topics include pharmacological effects, patterns of use, potential for abuse, treatment programs and prevention of alcohol abuse and alcoholism.

HTH 300. Medical Terminology. 3 credits. Offered fall and spring.
Study of terms that relate to body systems, anatomical structures, medical processes and procedures, and a variety of diseases disorders that afflict human organisms.

HTH 308. Therapeutic Assessment. 3 credits. Offered spring.
The purpose of this course is to present an overview of established and current knowledge in the major content areas of physiology by examining the impact of work and the working environment on human body systems as they relate to health and wellness. Prerequisite: BIO 290.

GHTH/KIN 314. Rural Health: An Interdisciplinary Approach. 3 credits. Offered May.
Students study, observe and participate in interdisciplinary assessment, planning and delivery of community-based primary health care in partnership with residents and agencies of a host rural county. Learning activities will emphasize rural culture, rural health care and interdisciplinary practice.

HTH 320. Statistical Methods for Health Science Research. 3 credits.
Offered fall and spring.
This course reviews statistical concepts and techniques with special reference to their relation to science applications and issues. It also reinforces the logical processes associated with statistical decision making, again with particular reference to health and medical research methods. Prerequisites: MATH 220 and HTH 324.

HTH 330. Introduction to Human Disease. 3 credits.
An overview of the incidence, prevalence, causation, and prevention of the major chronic and infectious diseases which are currently of concern in the twenty-first century. Major signs and symptoms of the diseases as well as treatment will be reviewed. The course will also cover the body’s defense system and the principles of disease occurrence. Prerequisite: HTH 230.

HTH 351. Health Behavior Change. 3 credits. Offered fall and spring.
Factors which influence health behavior and characteristics of these individuals and groups. Analysis of previous programs designed to change these behaviors and the formulation of new health modification programs included. Prerequisite: HTH 230 and upper division senior health sciences major or permission of instructor.

HTH 352. Environmental Health. 3 credits. Offered fall and spring.
An investigation of environmental factors and their effects on the health of the individual, community and society. Prerequisite: HTH 230.

HTH 354. U.S. Health Care System. 3 credits. Offered fall and spring.
This course examines the structure and organization of the health care delivery system in the United States. The components, functions, financing and resources of this system are described.

HTH 355. HIV/AIDS: A Global Perspective. 1 credit. Offered fall and spring.
Discussion includes theories of origins, statistics and characteristics of the causative pathogen, incubation, illness patterns, transmission, prevention and treatment of AIDS and other STDs. AIDS and other STDs in relation to prisons, children, schools, global concerns, health care systems and legal factors will be considered.

HTH 357. Coping with Stress. 1 credit. Offered fall and spring.
Identifying causes and personal symptoms associated with stress and individual methods of handling stress.

HTH 368. International Health and Nutrition Studies. 3 credits.
This course involves participation with an interdisciplinary team which will travel outside of the United States to observe and experience the health care challenges in a developing nation.

HTH 370. Child and Adolescent Health. 3 credits. Offered fall and spring.
This course will discuss the CDC priority health risk categories and the Healthy People 2010 Objectives for the Nation as they relate to child and adolescent health. In addition, the CDC model for Coordinated School Health Programs will be explored to determine specific strategies for health improvement. Prerequisite: HTH 230; restricted to PHETE or health sciences majors.

HTH 371. Behavior and Health of Children and Adolescents. 3 credits. Offered spring.
This course will review the current health status and health risk behaviors of children and adolescents. It will focus on epidemiological trends and behavioral and social etiological factors. In addition, this course will include an overview of the theoretical approaches to children and adolescent health behavior. Application of theory will be made to the development of strategies for health promotion and interventions to reduce specific health problems for children and adolescents that would be appropriate for teachers and schools. Prerequisite: Admission to the PHETE program.

HTH 372. Human Sexuality. 3 credits. Offered fall and spring.
An in-depth study of sexuality across the lifespan. Emphasis is placed on the development of sexuality with attention given to the psychological, physiological, ethical and socio-cultural implications. Prerequisite: HTH 230.

HTH 375. Pregnancy Control and Abortion. 1 credit.
An in-depth study of four areas concerning the following sexual aspects of living: contraception, abortion, sterilization and fertility-enhancing methods. The biochemical, physiological, legal, cultural and ethical aspects are considered.

HTH 378. The Use and Effects of Drugs. 3 credits. Offered fall and spring.
A study of the use and pharmacological properties of popular legal and illegal drugs and their effects on the health of individuals and society. Prerequisite: HTH 230.