Aging Relevant Courses at Washington University in St. Louis

2017-2018 Academic Year

Harvey A. Friedman Center for Aging
INSTITUTE FOR PUBLIC HEALTH AT WASHINGTON UNIVERSITY
Courses Focused on Aging and Older Adults

Arts & Sciences

L43 123 | When I'm Sixty-Four: Transforming Your Future
Department: General Studies
Instructor(s): Nancy Morrow-Howell, Susan Stark & Brian Carpenter

Whether you know it or not, you're living in the midst of a revolution - a revolution that is going to change your personal and professional lives. Although old age may seem a long way off, you'll likely live to age 80 or beyond, with a 50% chance of seeing your 100th birthday. The demographic revolution you're going to live through will change the health care you receive, the house you live in, the car you drive, the jobs you do, and the relationships you have. This class will give you a competitive edge in understanding how you can harness what's happening to shape your career and lifestyle. In class you'll be introduced to leaders and ideas from many fields - medicine, engineering, architecture, public health, social work, law, business, art, and psychology - focused on the issues of our aging society. There will also be opportunities to tailor the class to your interests through events on and off campus, including movies, lectures, performances, field trips, and community projects. Each week, we'll gather for lectures and also break into small groups for discussion.

Previously Offered: FL2016

L41 BIOL 5138 | Journal Club for the Molecular Mechanism of Aging
Department: Biology and Biomedical Sciences
Instructor(s): Shin-Ichiro Imai

Why do we age? What causes aging? How is our life span determined? This journal club will address such fundamental, but challenging questions of aging and longevity. Recent studies on aging and longevity are now unveiling regulatory mechanisms of the complex biological phenomenon. We'll cover the latest progress in this exciting field and stimulate discussions on a variety of topics including aging-related diseases. One hour of paper presentation and discussion per every two weeks. Prerequisite: Basic knowledge of molecular biology and genetics of model organisms, such as yeast, C. elegans, Drosophila and mouse.

Previously Offered: SP2017

Medicine

M01 750A | Directed Practice Research: Productive Aging
Department: Occupational Therapy
Instructor(s): Carolyn Baum

This is the first course in a series of three courses designed as an applied clinical experience or clinical research project under the guidance of a graduate faculty mentor. The focus of the project will be in productive aging. The project, over the course of 3 semester, will result in a scholarly paper.

Previously Offered: SP2017

Source: WebSTAC Course Listings
Social Work and Public Health

S30 9455 | Direct Social Work Practice with Older Adults
Department: Direct Practice
Instructor(s): Vanessa Fabbre

Teaches assessment and intervention practice skills commonly used with older adults in the areas of physical and mental health, social support and participation, and environmental assessments for home environments. Includes critical evaluation of assessment tools and intervention strategies in relation to their ability to adequately and appropriately address the concerns, needs, and preferences of diverse populations. Pre-requisite: S15-5038.

Previously Offered: FL2016

University College

U29 Bio 431 | Biology of Aging
Department: Biology
Instructor(s): Nupur Ghoshal, Erik Musiek

This course provides concepts and examples of the biology of aging. We discuss current literature with emphasis on theoretical causes of aging and the practical implications of these theories. Major topics include biochemical processes of aging, cell cycle senescence, age-related organ dysfunction, interventions to alter the aging process, and medical illnesses associated with aging, such as Alzheimer's disease and the dementias. We also study animal and human models for extending longevity, and current approaches for dealing with the aging process are included.

Previously Offered: FL2016

Courses with Aging-Relevant Content

There are several courses at Washington University that take a lifecourse or lifespan perspective and/or include content on issues commonly attributed to or relevant for older adults and aging (e.g., retirement, Medicare, Social Security, pensions, trusts, Alzheimer’s disease). Below are courses that include aging relevant content based on their course titles and descriptions.

Arts & Sciences

L98 AMCS 317S | Documenting the Queer Past in St. Louis (Service Learning)
Department: American Culture Studies
Instructor(s): Andrea Friedman

Around the U.S. and the world, grassroots LGBTQ history projects investigate the queer past as a means of honoring the courage of those who have come before, creating a sense of community today, and understanding the exclusions and divisions that shaped their communities and continue to limit them. In this course, we participate in this national project of history-making by helping to excavate the queer past in the greater St. Louis region. Course readings will focus on the ways that sexual identities and communities in the United States have been shaped by urban settings since the late nineteenth century, with particular attention to the ways that race, class and gender have structured queer spaces and communities. In their community service project, students will work with
L48 4100 | Pushing Daisies: The Anthropology of Death and Dying
*Department: Anthropology*
*Instructor(s): Anna Jacobsen*

This course examines the dying process and the ways humans around the world come to terms with their mortality. We will critically analyze controversial issues regarding brain death, suicide, euthanasia, and organ donation. We will survey funerary traditions from a variety of cultures and compare the social, spiritual, and psychological roles that these rituals play for both the living and the dying. We will examine cultural attitudes towards death and how the denial and awareness of human mortality can shape social practices and institutions. Finally, we will consider issues regarding the quality of life, the opportunities and challenges of caregiving, and hospice traditions around the world. This course will include readings and films about individuals and groups both in the US and around the world, as well as guest speakers who will talk about issues related to end of life health and caretaking issues in and around St Louis (hospice workers, home aides, organ donation facilitators and counselors).
*Previously Offered: SP2017*

L48 365 | Human Growth and Development
*Department: Anthropology*
*Instructor(s): Elizabeth Quinn*

This course focuses on the life-history of humans from birth to death. Through a series of lectures we will consider how humans grow and change both biologically and psychologically over the course of our lives. Topics will include: human growth curves, sex-differences, adolescence and puberty, nutrition, environment, growth disorders, death, and the evolution of human growth.
*Previously Offered: FL2015*

L41 BIOL 5191 | Pathobiology of Human Disease States
*Department: Biology and Biomedical Sciences*
*Instructor(s): Todd Fehniger, Audrey Odom*

Three human disease states will be discussed in detail. Topics will include background clinical and epidemiological information, followed by a detailed examination of the molecular and cellular events that underlie the disease state. Examples of pertinent topics include Alzheimer's disease, AIDS, leukemia, cystic fibrosis, sickle cell anemia, diabetes, etc.
*Previously Offered: FL2016*

L43 375 | Disability, Quality of Life & Community Responsibility
*Department: General Studies*
*Instructor(s): Kathleen Kniepmann*

The increasing prevalence of disability presents major challenges for American society. Social participation can be a challenge for people with disabilities, while resources to address these needs tend to be limited. This course will begin by critically analyzing concepts of disability, Quality of Life, health and social participation. We will construct a framework for examining social participation and community resources across the lifespan. Public health, educational and environmental theories and methods will be applied to programs and services that aim to enhance quality of life with disabilities. We will analyze ecological approaches to enhancing social participation. Upon completion of this
Fall 2017

This course, students will be equipped to analyze challenges and prioritize resources for individual and population health.

Previously Offered: SP2017

L22 History 2061 | The Culture of Death in East Asia (Sophomore Seminar)
Department: History
Instructor(s): Joohee Suh

This course explores a wide range of historical themes pertaining to death in East Asia. The key question addressed in this course is how and why people in the past understood and experienced death in certain ways. We will attempt to answer this question by exploring historical and cultural terrains that shaped the ways in which people conceptualized death and afterlife in China, Korea and Japan, throughout the medieval, early modern and modern periods. We will also examine a rich array of topics through which scholars have approached the culture of death, such as death rituals, material culture and ghost stories. Students are encouraged to think comparatively and contemplate both continuities and changes in ideas, practices and anxieties of death throughout the historical landscape.

Previously Offered: No Data

L85 233F | Biomedical Ethics
Department: Medical Humanities
Instructor(s): Charles Kurth, Jason Gardner

A critical examination, in the light of contemporary moral disagreements and traditional ethical theories, of some of the moral issues arising out of medical practice and experimentation in our society. Issues that might be discussed include euthanasia, genetic engineering, organ transplants, medical malpractice, the allocation of medical resources, and the rights of the patient.

Previously Offered: No Data

L96 MBB 120A | Introduction to the Study of Mind-Brain: Psychological, Biological, and Philosophical Perspectives
Department: Mind, Brain, and Behavior
Instructor(s): Janet Duchek, David Balota, Steven Petersen

A consideration of three primary areas of research in cognitive science: attention, memory, and language. These topics are used to illustrate the techniques by which mental abilities are investigated and explained in psychology and neuroscience: the focus, in particular, is on the use of reaction time studies, brain imaging, and cell recordings to isolate the basic components that make up complex functions. In addition to the central concepts and theories in each area, the course will address philosophical implications of this research concerning how the mind and brain are related, how the mind-brain encodes or represents information, and the nature of consciousness. And there will be an emphasis on applying these findings to important problems, such as Alzheimer's disease and deficits due to brain damage. The class is taught by three members of the faculty from different disciplines and combines a whole-group lecture with small discussion classes. The goal is to give students a good understanding of the interdisciplinary nature of cognitive science and to help them develop the ability to think and write critically about scientific research into the mind-brain. Prerequisite: admission to the study of the Mind-Brain Program.

Previously Offered: FL2016

Source: WebSTAC Course Listings
L32 Pol Sci 3442 | Civil Rights  
**Department:** Political Science  
**Instructor(s):** Alfred Darnell  
Introduction to the development and application of constitutional civil rights. Substantial emphasis on Supreme Court cases interpreting the Fourteenth Amendment's Equal Protection clause. Specific topics include discrimination, remedial action, and voting rights. The focus is primarily on classifications based on race and gender, but we will also examine age, disability, and sexual orientation.  
*Previously Offered: SP2016*

L33 Psych 4615 | The Science of Paying Attention  
**Department:** Psychological and Brain Sciences  
**Instructor(s):** Julie Bugg  
What processes underlie humans' ability to "pay" attention? This course will introduce students to theories of attention and cognitive control. Students will develop an understanding of empirical approaches to studying the control of attention, and examine factors that facilitate and impair humans' ability to pay attention. A final section will examine attention and cognitive control challenges that accompany aging and select psychological disorders such as ADHD, and applications of attention and cognitive control research to the classroom, driving, and other contexts.  
*Previously Offered: FL2015*

L64 PNP 360 | Cognitive Psychology  
**Department:** Psychological and Brain Sciences  
**Instructor(s):** David Balota  
Introduction to the study of thought processing from an information-processing approach. Emphasis on theoretical models grounded in empirical support. Topics include pattern recognition, attention, memory, reasoning, language processes, decision making, and problem solving.  
*Previously Offered: FL2016*

**Law**

W74 LAW 784 | Regulating Sex: Historical and Cultural Encounters  
**Department:** Law  
**Instructor(s):** Susan Appleton, Susan Stiritz  
This course explores sexuality, law, and social work as discourses and as regulatory instruments. Using this lens and emphasizing changing norms over time, we will examine a range of specific topics, such as America's historical slave economy and its impact on sexual values and practices; sexual violence and efforts to reduce it (on campus, in the military, in the home, and elsewhere); different understandings of sexual pleasure and the suppression of pleasure for socially devalued groups (women, the elderly, and individuals with disabilities); the medicalization of sex, pregnancy, and childbirth; traditional marriage and various alternatives; sexual initiation and education; LGB, intersexual, asexual, and trans identities; sex-offender registries; and sex research. To support this course's explicitly transdisciplinary focus, we will study materials from law, social work, sexology, literature, and popular culture and contrast conventional legal analysis with feminist and other frameworks, including queer theory, social constructionism, intersectionality theory, and symbolic interactionism.  
*Previously Offered: SP2012*
W77 LAW 629 | Practical Skills Training in Estate and Wealth Planning  
Department: Law  
Instructor(s): Douglas Stanley, Steven Laiderman, Lawrence Brody, Keith Herman

This course will review various practical wealth management skills and strategies used by estate planning lawyers performing estate and closely-held business planning, succession planning for business owners, or traditional income tax planning. This course explores wealth accumulation planning techniques and tools used by lawyers involved with wealth planning. In addition to an overview of the estate and taxation structure, this course is intended to cover basic financial concepts, including financial investing, property and income taxation, home and real property ownership issues, life and disability insurance, retirement planning, elder law and debtor-creditor transactions as they deal with individual and family wealth.

Previously Offered: FL2016

W74 LAW 590D | Employment Discrimination  
Department: Law  
Instructor(s): Peggie Smith

This course examines the law governing employment discrimination. The focus is on federal statutes that prohibit discrimination on the basis of race, sex, national origin, religion, age and disability. The course will consider the basic legal frameworks for proving discrimination as well as specific situations that may or may not fit into those frameworks, including the intersection between race and sex, performances of gender, pregnancy in the workplace, and reasonable accommodation of individuals with disabilities.

Previously Offered: FL2015

W74 LAW 599C | Employee Benefits: ERISA and Tax  
Department: Law  
Instructor(s): Peter Wiedenbeck

This course explores the treatment of employer-sponsored fringe benefits—包括退休金安排、保健福利、生命和残疾保险计划—under both federal labor law and the federal income tax. The structure, scope, and objectives of labor law regulation of employee benefit plans, both pension and welfare, under the Employee Retirement Income Security Act of 1974 (ERISA) will be studied in depth. The tax treatment of contributions to, earnings of, and distributions from qualified (i.e., tax-subsidized) and non-qualified deferred compensation arrangements will be compared. The rules governing the terms and operation of qualified deferred compensation plans, such as 401(k) plans, will be examined, including workforce coverage, allocation of contributions and benefits, funding, fiduciary responsibility, vesting, and the timing, forms, and taxation of distributions. In addition to fiduciary oversight, ERISA’s disclosure regime and civil enforcement mechanism will be introduced. Students will work extensively with ERISA, related provisions of the Internal Revenue Code, and corresponding regulations.

Previously Offered: FL2015

W74 LAW 707J | Health Law  
Department: Law  
Instructor(s): Elizabeth Sepper

This survey course will provide students with an introduction to legal issues related to health care access, quality, and financing. Topics include medical malpractice, emergency care, licensing of
Fall 2017

medical professionals, private health insurance, Medicaid, Medicare, and legal limits on public health initiatives. The course covers the Patient Protection and Affordable Care Act as well as possible future reforms.

Previously Offered: SP2016

W74 LAW 575H | Trusts and Estates
Department: Law
Instructor(s): Russell Osgood

This course will examine the basic legal doctrines and rules applicable to transfer of property by gift, intestate succession, will, and trust. It will focus on the following topics: State Control of Inheritance; Intestate Succession; Will Execution, Attestation, Revocation, and Construction; Restrictions on Testation: Family Protection; Trusts: Varieties (emphasizing private express and charitable trusts), Creation, Modification, and Termination; and Fiduciary Administration.

Previously Offered: SP2016

Medical

M89 5601 | Clinical Audiology I
Department: Audiology
Instructor(s): Lora Valente, Amanda Ortmann

An introduction to the field of clinical audiology. Covers the role of the audiologist in the diagnosis and treatment of hearing disorders; the administration and interpretation of audiologic test results; and amplification systems and assistive devices, such as DM/FM technology. Additional topics may include relevant calibration and instrumentation requirements, audiology as a career, aural rehabilitation, and legal and ethical issues in the field. All undergraduate students should register for Section 01.

Previously Offered: FL2015

M89 565 | Hearing Devices in Audiology I
Department: Audiology
Instructor(s): Lisa Potts

Philosophical issues related to the selection and evaluation of hearing devices, including hearing aids and alternative devices. Means of adjusting hearing devices and measuring their function and benefit are covered. Prerequisites: Permission of department required.

Previously Offered: FL2016

M01 OT 670 | Environment Factors and Participation
Department: Occupational Therapy
Instructor(s): Susan Stark, Kerri Morgan

The course will provide an in-depth understanding of person-environment interactions and the link between biomedical factors and community participation. The course focuses on the physical, technology and policy aspects of the environment that impact participation of persons with or at risk for chronic illness or disability.

Previously Offered: SP2017
Fall 2017

M19 561 | Epidemiology of Psychiatric Disorders across the Lifespan
Department: Population Health Sciences
Instructor(s): Kathleen Bucholz, Anne Glowinski

This course takes an integrated developmental approach to the epidemiology, etiology and evolving nosology of psychiatric disorders. Part I will lay the conceptual groundwork to understand and conduct research on psychiatric disorders and their risk factors in the general population. Part II will cover disorders that are traditionally considered under the purview of child psychiatry but that have developmental consequences for adulthood. Part III will cover psychiatric disorders unique in adulthood as well as those that often emerge in adolescence or earlier. Part IV will be devoted to special and contemporary topics in psychiatric and developmental epidemiology. Discussion and instruction in the use of relevant data sets will be integrated into all sections. By the end of the course, students will be expected to design and conduct basic analyses of existing psychiatric epidemiologic data.

Previously Offered: FL2016

Social Work and Public Health

S15 5011 | Human Behavior
Department: Core
Instructor(s): Gibson, Butler-Barnes, VonDeLinde

Approaches human behavior in the social environment from a life-span perspective. Foci include psychoanalytical theory and social learning theory. Implications of gender, race and socioeconomic status are considered.

Previously Offered: SP2017

S31 5141 | Human Sexuality and Therapeutic Interventions
Department: Direct practice
Instructor(s): Linda Weiner

Explores theories of human sexuality underlying the practice of sexual therapy. Reviews the etiologies of male and female dysfunctions and various approaches to treatment, including the treatment of special groups such as the disabled and the aged. Examines ethical issues in the field of sex therapy.

Previously Offered: FL2016

S31 5147 | Sexual Health Across the Life Course
Department: Direct practice
Instructor(s): Susan Stiritz

Some people are destined to thrive, some to languish, and some to die young. A seldom-considered pathway for inequity that occurs across one’s life and that influences the length of one’s life—a focus of this course—is sexual health. Sexual health is a source of energy, happiness and empowerment and contributes to total wellness. Because sexual health is unevenly distributed in most societies, this course will examine how social structures as well as individuals’ choices shape sexual health. Members of different populations experience disparate opportunities for positive sexual development, freedom to express their sexuality, satisfying sexual experiences and sexual and reproductive health care. Sexually transmitted infections, sexual violence, and sexual dysfunction disproportionately expose members of marginalized groups to greater risks for sexual harm and deprivation. Opportunities for sexual pleasure and satisfaction correlate with status and privilege. This course will examine sexual health and sexual health disparities across the life course. Using intersectionality as a
Fall 2017

In this course, we will trace sexual development through infancy, childhood, adolescence, adulthood, and late adulthood, addressing strengths and threats at each stage of life.

Previously Offered: FL2016

S20 4011 | Differential Diagnosis
Department: Direct practice
Instructor(s): Ryan Lindsay and Julie Mastnak

Considers the concept of mental illness and mental health from a psychological/psychiatric perspective. Familiarizes students with and critically explores available models of diagnosis. Selected mental health problems are addressed in depth, including considerations of populations at risk.

Previously Offered: SU2017

S40 SWSP 5842 | Social Policy Analysis and Evaluation
Department: Social Policy
Instructor(s): Sheryl Foster

Evaluates the effectiveness of various state and federal policies regarding health, mental health, child welfare, aging, and income maintenance.

Previously Offered: SU2017

S40 SWSP 5784 | Regulating Sex: Historical and Cultural Encounters
Department: Social Policy
Instructor(s): Susan Appleton, Susan Stiritz

This course explores sexuality, law, and social work as discourses and as regulatory instruments. Using this lens and emphasizing changing norms over time, we will examine a range of specific topics, such as America's historical slave economy and its impact on sexual values and practices; sexual violence and efforts to reduce it (on campus, in the military, in the home, and elsewhere); different understandings of sexual pleasure and the suppression of pleasure for socially devalued groups (women, the elderly, and individuals with disabilities); the medicalization of sex, pregnancy, and childbirth; traditional marriage and various alternatives; sexual initiation and education; LGB, intersexual, asexual, and trans identities; sex-offender registries; and sex research. To support this course's explicitly transdisciplinary focus, we will study materials from law, social work, sexology, literature, and popular culture and contrast conventional legal analysis with feminist and other frameworks, including queer theory, social constructionism, intersectionality theory, and symbolic interactionism.

Previously Offered: SP2015

University College

U29 Bio 4024 | Biology of Human Disease: Research, Diagnosis, Prevention, Treatment
Department: Biology
Instructor(s): Marina Kisseleva

This course examines inherited and acquired human diseases such as AIDS, cystic fibrosis, Alzheimer’s, Parkinson’s, and diabetes to help us better understand the complex nature of human diseases. We explore how normal cell functions are affected by genetic mutations, environmental stress, and infections, and how these, in turn, disturb normal tissues and organ function and produce a disease. We will learn how latest advances in basic, translational, and clinical research changes our
Fall 2017
understanding of the underlying causes of human diseases and drives development of new effective methods of diagnosis, prevention, and treatment.

Previously Offered: FL2016

U44 Bus 150 | Personal Finance
Department: Business
Instructor(s): Judith Griffin

In this course students learn how to analyze and control their own financial affairs. Students acquire a better understanding of personal finances by developing and managing a financial plan, evaluating financial and investment options, and learning about research tools for financial planning. Upon completion of the course, students are able to evaluate the risk/return relationship of different investments, determine the correct insurance coverage needed, evaluate when a taxable or tax-deferred investment is appropriate, calculate retirement needs, and develop a savings plan and household budgeting system.

Previously Offered: SP2017

U09 Psych 359 | Cognitive Psychology
Department: Psychology
Instructor(s): Chad Rogers

Thought processing from an information processing approach. Includes pattern recognition, attention, memory, reasoning, language processes, decision making, and problem solving.

Previously Offered: SP2016

Did we miss a course that should be included in this list?
Contact us at CenterforAging@wustl.edu or 314.747.9192.
Courses Focused on Aging and Older Adults

**Arts & Sciences**

L33 326 | Introduction to the Psychology of Aging  
*Department:* Psychological and Brain Sciences  
*Instructor(s):* Sandra Hale  

Study of the processes of aging in the individual in terms of their behavioral effects. Age changes in biological functions, sensation, perception, intelligence, learning, memory, and creativity studied to understand the capacities and potentials of the mature and older person.  

*Previously Offered: SP2017*

L33 427 | Social Gerontology  
*Department:* Psychological and Brain Sciences  
*Instructor(s):* Patrick Hill  

This course provides an introduction to aging and growing old, from an interdisciplinary perspective. Specific attention is paid to demographics, physical health and illness, mental health, interpersonal relations, work issues, living arrangements, ethics, and death and dying.  

*Previously Offered: SP2011*

L33 587 | Clinical Psychology of Aging  
*Department:* Psychological and Brain Sciences  
*Instructor(s):* Denise Head  

Methods of assessing cognitive functioning and personality in older adults. Understanding of the application of the techniques of assessment to older adults not the development of testing skills, is the goal of this course.  

*Previously Offered: SP2013*

**Medicine**

M01 750A | Directed Practice Research: Productive Aging  
*Department:* Occupational Therapy  
*Instructor(s):* Monica Perlmutter, Timothy Wolf, Lisa Connor, Erin Foster  

This is the first course in a series of three courses designed as an applied clinical experience or clinical research project under the guidance of a graduate faculty mentor. The focus of the project will be in productive aging. The project, over the course of 3 semester, will result in a scholarly paper.  

*Previously Offered: FL2017*

Source: WebSTAC Course Listings
Spring 2018

M01 752A | Directed Practice Research Aging II

*Department:* Occupational Therapy

*Instructor(s):* Monica Perlmutter, Lisa Connor, Erin Foster, Mary Baum, Kathleen Kneipmann

Student will engage in applied clinical research under the guidance of a graduate faculty member. Topics will be in the area of specialization chosen by the student in consultation with the faculty member.

Previously Offered: FL2017

Social Work and Public Health

S20 SWHS 2010 | Theories and Issues in Aging

*Department:* Hist & Professional Theme

*Instructor(s):* Nancy Morrow-Howell

Examines the theoretical and service issues connected to the study of the elderly from the multidisciplinary approach of gerontology. Considered are the biological, social, and psychological aspects of aging, and the nature and extent of service delivery systems for the aged and their families.

Previously Offered: SP2017

S30 SWDP 7327 | Aging Network Services

*Department:* Direct Practice

*Instructor(s):* Takashi Amano, Yu-Chih Chen

Reviews different models of social work practice within the continuum of health and long-term care for older adults. Emphasis on skill development to assist older adults and their families in accessing and appropriately using services along the continuum of care, while attending to the diversity in client and family needs, values and preferences. Emphasizes critical analysis of practice models service options, delivery models, and network systems related to evidence-based practice and capacity building, social work values and ethics, and social and economic justice outcomes.

Previously Offered: SP2017

S40 SWSP 5780 | Social Policy and Aging

*Department:* Social Policy

*Instructor(s):* Sojung Park

Examines social policies related to the aged as a dialogue between the public and private sectors. Explores the major policy areas of income security, health, employment, social services, taxes, housing, the environment; and the social and economic aspects of public and private retirement policies. Considers the place of social work in the public and private worlds of the aging.

Previously Offered: SP2017

Source: WebSTAC Course Listings
University College

U09 Psych 308 | Social Gerontology

Department: Psychological and Brain Sciences
Instructor(s): Stephanie Herbers

This course provides an introduction to aging and growing old, from an interdisciplinary perspective. Specific attention is paid to demographics, physical health and illness, mental health, interpersonal relations, work issues, living arrangements, ethics, and death and dying.

Previously Offered: No Data

Courses with Aging-Relevant Content

There are several courses at Washington University that take a life course or lifespan perspective and/or include content on issues commonly attributed to or relevant for older adults and aging (e.g., retirement, Medicare, Social Security, pensions, trusts, Alzheimer’s disease). Below are courses that include aging relevant content based on their course titles and descriptions.

Arts & Sciences

L11 448W | Current Macroeconomic Issues

Department: Economics
Instructor(s): Steven Fazzari

Review and extension of macroeconomic models from Econ 4021 from a comparative perspective and use of these models to analyze current macroeconomic and policy issues. Topics include recession and recovery, long-term growth, saving and social security, investment, and monetary policy. Multiple writing assignments that emphasize critical analysis of theoretical perspectives and readings applied to current macroeconomic topics. Writing will be revised to improve logical structure, clarity, and style. Enrollment limited to 15 students with priority given to senior economics majors. Prerequisite: Econ 4021. PLEASE NOTE: Requests for on-line registration will be wait listed. You will receive an email confirming your registration in the course from the instructor.

Previously Offered: SP2017

L98 3755 | Disability, Quality of Life, and Community Responsibility

Department: American Culture Studies
Instructor(s): Kathleen Kniepmann

The increasing prevalence of disability presents major challenges for American society. Social participation can be a challenge for people with disabilities, while resources to address these needs tend to be limited. This course will begin by critically analyzing concepts of disability, Quality of Life, health and social participation. We will construct a framework for examining social participation and community resources across the lifespan. Public health, educational and environmental theories and

Source: WebSTAC Course Listings
methods will be applied to programs and services that aim to enhance quality of life with disabilities. We will analyze ecological approaches to enhancing social participation. Upon completion of this course, students will be equipped to analyze challenges and prioritize resources for individual and population health. Credit for this course is subject to the degree requirement that stipulates a 30-unit limit for courses taught by professional schools or University College.

Previously Offered: FL2017

L98 4203 | Civic Scholars Program Semester Four: Civic Engagement Across the Lifespan
Department: American Culture Studies
Instructor(s): Stefani Weeden-Smith, Theresa Kouo

This is the fourth semester course for students in the Civic Scholars Program of the Gephardt Institute for Public Service. This culminating course provides students with the opportunity to integrate the Civic Scholars experience, explore civic engagement opportunities post-college, and discuss ethics and civic engagement. Through group discussions, readings, lectures, and guest speakers, students 1) understand civic engagement over the life course; 2) discuss ethics and civic engagement; and 3) develop a one-, five-, ten-, and twenty-year civic vision. This one-credit course will meet weekly for one hour during the spring semester. Students are expected to take an active role in their learning through sharing their experiences, engaging with reading material, and participating in reflection exercises.

Previously Offered: SP2017

Engineering

E62 4902/5902 | Cellular Neurophysiology
Department: Biomedical Engineering
Instructor(s): Vitaly Klyachko

This course will examine the biophysical concepts of synaptic function with the focus on the mechanisms of neural signal processing at synapses and elementary circuits. The course combines lectures and discussion sessions of primary research papers. Topics include synaptic and dendritic structure, electrical properties of axons and dendrites, synaptic transmission, rapid and long-term forms of synaptic plasticity, information analysis by synapses and basic neuronal circuits, principles of information coding, mechanisms of learning and memory, function of synapses in sensory systems, models of synaptic disease states such as Parkinson and Alzheimer's diseases. Additionally, a set of lectures will be devoted to modern electrophysiological and imaging techniques, and modeling approaches to study synapses and neural circuits.

Previously Offered: SP2017

Law

W74 598C | ERISA Fiduciary Law
Department: Law
Instructor(s): Tom Clark

This 1 unit Intersession course will provide a substantive overview of ERISA fiduciary law that governs qualified retirement and welfare plans. The sources of fiduciary law such as the ERISA statute, regulations, and Department of Labor guidance will be explained. Emphasis will be placed on the proper identification of fiduciaries, the fiduciary duties of prudence and loyalty, prohibited transactions

Source: WebSTAC Course Listings
Spring 2018

and major exemptions, personal liability under the law, and the recent regulations regarding disclosure of fees and expenses. Special focus will be given to recent Supreme Court and Circuit Court cases that have significantly changed the ERISA fiduciary landscape. Finally, a brief overview will be provided of typical ERISA litigation that a student is likely to see in their future practices.

Previously Offered: SP2017

W77 628A | Practical Strategies and Drafting in Estate Planning
Department: Law
Instructor(s): Douglas Stanley, Steven Laiderman, Lawrence Brody, Keith Herman

This course will focus on practical estate planning and drafting techniques, and the basics of the federal transfer tax system (gift, estate, and generation-skipping taxes). Courses in estate and gift taxation and trusts and estates provide a good background for students interested in this practical course. The planning portion of this course will be taught from instructor-generated outlines, which cover the basics of estate planning, as well as commonly used estate planning techniques, including marital deduction planning, charitable planning, insurance planning, and advanced trust planning. The drafting portion of this course will focus on basic client estate planning skills, common drafting techniques, and problems and suggested solutions. Students will participate in the design and computerized drafting of the various legal documents used in the typical estate planning process.

Previously Offered: SP2017

W77 721A | Closely-held Business and Succession Planning
Department: Law
Instructor(s): Scott Malin, Bennett Keller

This course will focus on practical estate planning and drafting techniques, and the basics of the federal transfer tax system (gift, estate, and generation-skipping taxes). Courses in estate and gift taxation and trusts and estates provide a good background for students interested in this practical course. The planning portion of this course will be taught from instructor-generated outlines, which cover the basics of estate planning, as well as commonly used estate planning techniques, including marital deduction planning, charitable planning, insurance planning, and advanced trust planning. The drafting portion of this course will focus on basic client estate planning skills, common drafting techniques, and problems and suggested solutions. Students will participate in the design and computerized drafting of the various legal documents used in the typical estate planning process.

Previously Offered: SP2017

W77 722A | Introduction to International Aspects of Estate Planning
Department: Law
Instructor(s): David Dankmyer

This course will consider the income, gift and estate tax issues facing non-resident non-United States citizen individuals investing in, or moving to, the United States, and of United States citizens investing or working outside the United States. This course will address planning alternatives available to the global individual. In addition, this course will consider expatriation as a factor in estate planning; the income taxation of foreign trusts and their beneficiaries, including a study of the new grantor trust rules and the new rules on residence of trusts; a comparison of foreign trusts to other foreign entities; the problems of the multi-country estate; an analysis of current United States estate tax treaties; and related issues.

Source: WebSTAC Course Listings
W76 827S | Implicit Bias, Law, and the Legal Profession  
*Department:* Law  
*Instructor(s):* Kimberly Norwood

This seminar will focus on implicit biases—what they are, where they exist, who has them, why, and what, if anything, can or should be done about them. We will focus, in particular, on race, color, ethnicity, gender, gender expression and gender identity, disability, and age. We will look at how these biases manifest in society, in individual lives and ultimately in decision making. Decision making results in policies, rules, laws that can be very discriminatory or preferential to some groups over others. We will discuss how does this look in law and in the legal profession and what can or should lawyers (and Judges) do about conscious decision making that results in unconscious harm. We will discuss strategies and tools that can be used by those in the legal profession as we strive to create a more just society.

 Previously Offered: SP2017

**Medicine**

M01 5163 | Environmental Factors Facilitating Performance and Participation I  
*Department:* Occupational Therapy  
*Instructor(s):* Susan Stark, Jessica Dashner, Kimberly Walker, Meghan Doherty

In this first of a two-course sequence, students gain in-depth understanding of the psychological, social, political, physical, and cultural elements of the environment that influence occupational performance, participation, and health. Disability and chronic health conditions as consequences of environmental barriers and the relationship between the person and environments as both change across the life span will be discussed. Assessment and intervention strategies that promote health and maximize participation in daily activities will be examined in home, school, workplace, and other community settings.

 Previously Offered: SP2017

M01 5220 | Supporting Participation with Technology and Environmental Interventions  
*Department:* Occupational Therapy  
*Instructor(s):* Kerri Morgan, Kimberly Walker

This course introduces technology and environment related interventions to preserve, augment or improve social, emotional, physical and academic well being. Intervention strategies that promote health and maximize participation in daily activities for people with chronic conditions and disabilities will be examined in home, school, workplace, and community settings. The tools and interventions will include descriptions of special equipment (i.e. self-care tools and compensatory techniques), assistive technology devices (i.e. computer access, mobility devices, augmentative communication systems, environmental control units, vehicles adaptations and recreational equipment), and environment adaptations and modifications (i.e. universal design, home and work modifications). Lectures will focus on the ethical, legislative, funding, assessment and psychosocial issues. Labs will provide an opportunity for hands on learning experiences with a broad range of tools in context specific personal, community and organizational settings.

 Previously Offered: SP2017

Source: WebSTAC Course Listings
Spring 2018

M01 5845 | Interventions Supporting Recovery and Participation of Individuals with Psychosocial Challenges

*Department: Occupational Therapy*

*Instructor(s): Steven Taff, Jeanenne Dallas*

This 3 credit course is designed to provide the foundation skills for evidence based intervention for individuals with mental health and psychosocial challenges across the lifespan. Students will explore policies, theories, medical and pharmacological treatments and OT intervention approaches and therapeutic techniques for individuals with mental illness diagnoses. The course will focus on supporting recovery and performance to increase participation. Course material will address factors across the continuum of individual through population intervention approaches. Lectures, case studies, lab experiences, and experiences in the community will provide the foundation for the learning experiences. Related skills in documentation, goal setting, reimbursement and ethical issues which may arise will be incorporated into classroom discussions and assignments.

*Previously Offered: SP2017*

M01 752D | Directed Practice Research: Disability II

*Department: Occupational Therapy*

*Instructor(s): Jessica Dashner, Susan Stark, Jeanenne Dallas, Peggy Barco, Parul Bakhshi*

Student will engage in applied clinical research under the guidance of a graduate faculty member. Topics will be in the area of specialization chosen by the student in consultation with the faculty member.

*Previously Offered: FL2017*

M02 626 | Moderators of Health, Wellness, and Rehabilitation

*Department: Physical Therapy*

*Instructor(s): Jennifer Stith, Linda Van Dillen, Marcie Harris-Hayes*

Designed to explore individual attitudes toward health, illness, disability and death. Emphasizes the effect of these attitudes on individual goals, motivation, expectations, interpersonal relationships and exercise adherence. Investigates individual health attitudes, personal values, family interaction, stress management and concepts of wellness. Age-related issues will be addressed.

*Previously Offered: SP2017*

M02 636 | Diagnosis and Management of General Medical Conditions in PT

*Department: Physical Therapy*

*Instructor(s): Tammy Burlis, Traci Norris*

Students will acquire the skills needed to manage movement-related problems in patients with diabetes, burns, arthritis, wounds, amputation and prosthetics, obesity, oncological problems, incontinence, pain, genetic conditions, osteoporosis, malnutrition, transplants, and neonatology. Integration of information from previous and concurrent courses will be stressed with emphasis on screening, examination, analysis of findings, diagnosis, design and implementation of intervention programs for patients with increasingly complex problems. Functional activities across the life span will be addressed.

*Previously Offered: SP2017*

Source: WebSTAC Course Listings
**Spring 2018**

**M02 638 | Diagnosis and Management of Musculoskeletal Conditions in PT III**  
*Department:* Physical Therapy  
*Instructor(s):* Sylvia Czuppon, Greg Holtzman

Students will acquire the skills needed to manage and prevent movement-related musculoskeletal problems of the spine, neck, elbow, wrist and hand, ankle and foot. Integration of information from previous and concurrent courses will be stressed with emphasis on screening, examination, analysis of findings, diagnosis, design and implementation of intervention programs for acute and post-acute patients with increasingly complex problems. Functional activities across the life span will be addressed.

*Previously Offered: SP2017*

**M02 653 | Health Fitness and Prevention**  
*Department:* Physical Therapy  
*Instructor(s):* Jennifer Miller

Emphasis will be on critiquing and designing fitness and wellness programs for well and special populations. Programs will focus on those for employee fitness, diabetes, arthritis, obesity and the elderly. Students will participate in and evaluate group treatments and recreational exercise. Use of exercise equipment will be addressed.

*Previously Offered: SP2017*

**Social Work and Public Health**

**S15 SWCR 5011 | Human Behavior**  
*Department:* Core  
*Instructor(s):* Katie VonDeLinde

Approaches human behavior in the social environment from a lifespan perspective. Foci include psychoanalytical theory and social learning theory. Implications of gender, race, and socioeconomic status are considered.

*Previously Offered: FL2017*

**S30 SWDP 9150 | Death and Dying**  
*Department:* Direct Practice  
*Instructor(s):* Mary Henehan

Covers concepts and clinical skills that help social workers deal effectively with dying and grieving people and other loss situations. Attention is paid to larger ethical and philosophical issues raised by death.

*Previously Offered: FL2016*

**S31 SWDP 5152 | Sex, Society, and Social Work**  
*Department:* Direct Practice  
*Instructor(s):* Susan Stiritz

Researchers and theorists identify sexuality as a significant problem and important human potential across the life course but note it remains an infrequent area of intervention for social workers. While this course studies rape, sexual assault and coercion, incest, double standards, sexism, heteronormativity, trans- and homophobia as tools of oppression, it also examines sexual pleasure as

*Source: WebSTAC Course Listings*
Spring 2018

Drawing on strengths-based developmental theories, models of health belief, literary hermeneutics, and principles of experiential and transformative learning, this course focuses on developing skills in designing and implementing positive sexuality interventions at the micro, mezzo, and macro levels. The course introduces principles and best practices in sexuality counseling, education, and therapy, while theoretical, empirical, and literary knowledge about sexuality provide a transdisciplinary problem solving perspective. Interventions aim to counter sexual oppression by transforming clients' knowledge, attitudes, and behavior and by shifting community perspectives toward greater sex/gender inclusiveness.

Previously Offered: SP2017

S31 SWDP 5243 | Social Work Practice with Gay, Lesbian, Bisexual, and Transgender Populations
Department: Direct Practice
Instructor(s): David Martineau

Focuses on developing the knowledge and practice skills necessary for effective, evidence-based practice with gay, lesbian, bisexual and transgender (g/l/b/t) persons and their families. Covers five major domains of practice with g/l/b/t persons: (a) theoretical and empirical knowledge to understand g/l/b/t persons across the life span; (b) the unique psychosocial concerns and issues of g/l/b/t clients and their families of choice/origin. Particular attention paid to issues of race/ethnicity, culture, age, disability, religion, and class as they impact sexual minority populations; (c) identification and implementation of capacity-building interventions with g/l/b/t persons; (d) social work values, ethics and social justice concerns surrounding g/l/b/t population; and (e) intervention strategies for building inclusive agencies, organizations, and institutions. Student actively examine their own values and attitudes and their professional use of self in their practice with g/l/b/t populations.

Previously Offered: SP2017

S40 SWSP 5842 | Social Policy Analysis and Evaluation
Department: Social Policy
Instructor(s): Sheryl Foster, Judy Baker

Evaluates the effectiveness of various state and federal policies regarding health, mental health, child welfare, aging, and income maintenance.

Previously Offered: FL2017

S65 SWCD 5050 | Community Based System Dynamics
Department: Community Development
Instructor(s): Saras Chung, Ellis Ballard

This course introduces students to Group Model Building (GMB) as a method for facilitating organizational and team learning. The course will focus on the use of GMB as a practice method for working with organizations and communities using a set of structured small group exercises or "scripts". The course draws on GMB methods being developed and used by the Brown School's Social System Design Lab, principles of system dynamics, and examples from both domestic and international settings. The course introduces students to the background and theory of GMB; feedback theories of organizational dynamics for management and strategic planning related to organizational start-up, implementation and scale-up of innovations (e.g., evidence based practices), project management, and sustainability; tools for designing, conducting, and evaluating group model building interventions; and techniques for managing group dynamics involving power, interpersonal...
conflicts, and working with marginalized stakeholders. The course also provides opportunities for students to develop and hone GMB practice skills through in-class exercises and demonstrations; observation and participation in GMB sessions; and the design, execution, and evaluation of a GMB class-project with a client organization. Special attention will be given to understanding the dynamics of social and economic justice, value and ethical issues, as well as issues related to race, ethnicity, culture, gender, sexual orientation, religion, physical or mental disability or illness, age, and national origin.

Previously Offered: FL2017

S90 SWDT 6895 | Mental Health Services Research
Department: Doctoral
Instructor(s): Enola Proctor

This course will cover the history and trends in public and private mental health services, seminal studies in mental health service, and such methodological issues as measurement of services, operationalization and measurement of mental health service intervention, and alternative data sources. Particular attention will be directed to methodological issues and knowledge needs with regard to service needs of special populations, including the elderly, children, adolescents, the poor, and ethnic minorities. Research methods for investigating the organization and financing of mental health services will also be addressed. Course reading will include published studies and government documents addressing methodological issues.

Previously Offered: SP2016

University College

U44 150 | Personal Finance
Department: Business
Instructor(s): Judy Griffin

In this course, students learn how to analyze and control their own financial affairs. Students acquire a better understanding of personal finances by developing and managing a financial plan, evaluating financial and investment options, and learning about research tools for financial planning. Upon completion of the course, students are able to evaluate the risk/return relationship of different investments, determine the correct insurance coverage needed, evaluate when a taxable or tax-deferred investment is appropriate, calculate retirement needs, and develop a savings plan and household budgeting system.

Previously Offered: SP2017

U69 3309 | Anthropological Perspectives on Care
Department: Anthropology
Instructor(s): Arielle Wright

This course aims to provide an introductory survey of topics and approaches to the anthropology of care. It does so by drawing on a range of ethnographic, theoretical, and cross-disciplinary materials. This will allow us to think through and engage with care in its myriad forms, its presence and absence, its bureaucratization and management, its relation to kinship, relatedness, labor, and government. In the first part of the course, we will explore theories of care as moral practice with a feminist lens. In the second part, we will engage this lens with ethnographic materials about care in diverse settings that also shed light on the political, economic, and lived realities of care. These ethnographic and sociological works include explorations of the circulation of care in moral economies and its

Source: WebSTAC Course Listings
monetization as paid labor, the politics and "antipolitics" of healthcare in institutional settings, and the role of care in kinship, household formations, and life course regimes across cultures.

Previously Offered: No Data

Did we miss a course that should be included in this list? Contact us at CenterforAging@wustl.edu or 314.747.9192.
Courses Focused on Aging and Older Adults

Medicine

M35 851 | Clinical Aspects of Aging and Dementia

*Department:* Neurology
*Instructor(s):* Barbara Snider, John Morris

This elective provides the opportunity to learn about clinical research and clinical care in health brain aging and dementia. Students should contact the Course Masters to discuss this, as this elective is customized based on student interests. This can be a two-week or four-week elective. Students can gain proficiency in interviewing techniques and in the neurologic examination of the geriatric patient, and be introduced to neuropsychology, neuropathology, biomarkers, neuroimaging, genetics, and other biomedical procedures important in the diagnostic evaluation of older adults. The Knight ADRC is an interdisciplinary group, so students have the opportunity to interact with physicians, nurse clinicians, psychologists, and social workers, and to explore the neuropsychology, neuropathology, biomarkers, neuroimaging, genetics, and other biomedical procedures used in the diagnosis of dementing disorders such as Alzheimer's disease, dementia with Lewy bodies, frontotemporal dementias, cerebrovascular disorders, and affective disorders.

*Previously Offered: YR2016*

M25 810 | Geriatric Medicine

*Department:* Internal Medicine
*Instructor(s):* Ellen Binder

The primary goal of this rotation is for students to gain proficiency in the principles of geriatric evaluation and management, including the medical, psychological, social, and functional assessments of older adults. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the outpatient Geriatric Assessment Clinic, in-patient Geriatric Consult service, Parc Provence nursing home, and the Rehabilitation Institute of St. Louis (TRISL). Students will also have the opportunity to participate in hospice and home care visits, interdisciplinary team meetings, and observe an assessment at the WU Alzheimer's Disease Research Center.

*Previously Offered: YR2016*

M25 750 | Geriatrics Clerkship

*Department:* Internal Medicine
*Instructor(s):* David Carr

The primary goal of the four week clerkship in Geriatrics is to provide an opportunity for students to gain proficiency in the principles of geriatric evaluation, including the medical, psychological, social, and functional assessments of older adults. Direct, hands-on experience with patients is a major feature of the clerkship. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the hospital Acute Care for the Elderly (ACE) unit on 3200 North Campus, the Older Adult Outpatient Assessment Program (Storz building), and the Long Term Care Setting (Barnes Extended Care in Clayton). Students attend hospice, geropsychiatry rounds, and the geriatric conferences while on the rotation. Students are assigned to a variety of attendings to enhance the experience.

*Previously Offered: YR2016*

Source: WebSTAC Course Listings
Courses with Aging-Relevant Content

There are several courses at Washington University that take a life course or lifespan perspective and/or include content on issues commonly attributed to or relevant for older adults and aging (e.g., retirement, Medicare, Social Security, pensions, trusts, Alzheimer’s disease). Below are courses that include aging relevant content based on their course titles and descriptions.

M55 660B | Clinical Topics in Otolaryngology
*Department:* Otolaryngology  
*Instructor(s):* Jason Rich

This course consists of nine introductory lectures on common diseases of the head and neck, including voice disorders, head and neck cancer, hearing loss, management of vertigo, pediatric otolaryngology, salivary gland disorders, sinusitis, otolaryngologic emergencies and facial trauma. Additionally, there is a case-based roundtable focusing on otolaryngology disorders affecting the geriatric population and the involvement of allied health care disciplines in the evaluation and management of these patients. Each lecture is highlighted by case presentations and treatment options in addition to pathophysiology.

*Previously Offered: YR2016*

**Did we miss a course that should be included in this list?**
Contact us at [CenterforAging@wustl.edu](mailto:CenterforAging@wustl.edu) or 314.747.9192.