PubH 5365. Epidemiology of Aging. (2 cr. Prereq-Grad or professional school student, 5330 or equiv or #) Major emphasizes methodological issues unique to studies of older populations; most prevalent health conditions. Review of epidemiologic studies of older populations; most prevalent health conditions.

PubH 5379. Epidemiology Master’s Project Seminar. [1 cr; S-N only. Prereq-#] Seminar for epidemiology MPH master’s project presentations. Students present their projects and give/receive feedback.


PubH 5385. Computational Methods in Genetic Epidemiology. (2 cr. Prereq- [Academic Health Center grad student, one entry level genetics course, one [statistics or biostatistics] course] or #) Review of methods of structuring data files to describe familial relationships and manipulate those file formats for use by statistical packages. Students work with genetic data, run several current computer programs for analysis of family data, and interpret results of their analyses.

PubH 5386. Public Health Aspects of Cardiovascular Disease. (2 cr. Prereq- [5330, 5450, [Epi MPH or Epi PhD student]] or #) Detailed perspective on well-established risk factors for cardiovascular disease (CVD), prevention of CVD, and national recommendations for treatment/prevention. Introduces emerging risk factors and current controversies in CVD.

PubH 5387. Cancer Epidemiology. (2 cr. Prereq- [Health sciences grad or professional school student; 5320 or 5330] or #) Epidemiologic aspects of cancer. Theories of carcinogenesis, incidence, and site-specific risk factors. Issues of cancer control/prevention.

PubH 5389. Nutritional Epidemiology. (2 cr. Prereq- [5330, [Epi MPH or Epi PhD or public health nutrition MPH student]] or #) Nutrition/disease relationships through application of epidemiologic methods. Characterization of various exposures to dietary factors, biological mechanisms for nutrition/disease relationships. Studies of specific chronic diseases and nutritional intake. Design/interpretation of studies using nutritional measures.

PubH 5396. Field Experience: Epidemiology. [1-4 cr [max 4 cr]; S-N only. Prereq- [Epi MPH or grad student, #) Supervised epidemiologic field study in health or public health setting under academic/professional supervision. Emphasizes application of acquired knowledge/skills to relevant issues/problems.

PubH 5399. Topics: Epidemiology. [1-4 cr [max 20 cr]] New course offerings or topics of interest.

PubH 5414. Biostatistical Methods I. I cr. [5450, Prereq-PubH MPH (PH or certificate) student or environmental health (MS or PhD) or health journalism MA or dentistry MS or health informatics (MS or PhD)] major or #) Descriptive statistics, graphical methods. Use of Excel. Proportions, relative risk, odds ratios. Random sampling. Estimates of mean, medians, measures of variability. Normal distribution, t- or chi-square tests. Confidence intervals. Correlation/regression. Inference/causality.

PubH 5415. Biostatistical Methods II. [3 cr. Prereq-5414, [public health MPH (PH or certificate) student or environmental health (MS or PhD) or health journalism MA or dentistry MS or health informatics (MS or PhD)] major or #) Statistical computing using SAS. Multiple regression. Data transformations. Relative risk, odds ratio estimation. Logistic regression. Survival analysis. Kaplan-Meier tables, survival curves.


PubH 5421. Advanced Statistical Computing. (3 cr. Prereq-[5445 or statistical biostatistics major, [C or FORTRAN]] or #) Statistical computing using SAS, Splus, and FORTRAN or C. Use of SAS or Fortran number generators, distribution functions. Matrix manipulations with applications to regression and estimation of variance. Simulation studies, minimization of functions, nonlinear regression, macro programming, numerical methods of integration.


PubH 5452. Biostatistics II. (4 cr. Prereq-[5450, competence in SAS through 5420 or 5414, 5415] with grade of at least B, health sciences grad student) or #) Two-way ANOVA, interactions, repeated measures, general linear models. Logistic regression for cohort and case-control studies. Loglinear models contingency tables, Poisson regression, survival data. Kaplan-Meier methods, proportional hazards models.

PubH 5456. Biostatistics Consulting Seminar. (2 cr; S-N only. Prereq-5446, biostatistics major] or #) Professional roles/responsibilities of practicing biostatistician. Communication with client/laborator in health science research. Discussion, written assignments, student presentations, meeting notes, interviews, guests.

PubH 5460. Introduction to Biostatistical Thinking. [1-5 cr; S-N only. Biostatistics major] or #) Aspects of Biostatistics as practiced at U of M and as described in research literature.

PubH 5462. Clinical Trials: Design, Implementation, and Analysis. [3 cr. Prereq-5445 or 5466 or #) Introduction to and methodology of randomized clinical trials: design issues, sample size, computational details, interim monitoring, data analysis, and overviews.

PubH 5465. Biostatistics: Regression. (4 cr. Prereq-[Stat 5101 or Stat 5102 or Stat 5101 or biostatistics or MPH or MS or PhD] major or #) T-tests, confidence intervals, power, type I/II errors. Exploratory data analysis. Simple linear regression, regression in matrix notation, multiple regression, diagnostics. Ordinary least squares, violations, generalized least squares, nonlinear least squares regression. Introduction to General linear model. SAS and S-Plus used.

PubH 5466. Biostatistics: ANOVA and Design. (4 cr. Prereq-[5445, [Stat 5102 or Stat 5101, biostatistics] major or #) Single factor ANOVA, diagnostics, classical non-parametrics, multifactor ANOVA, multiple comparisons, power and sample size determination, calculating expected mean squares, random/mixed effects models. ANOVA and biostatistical software. Randomized block designs, nested designs, repeated measures designs, cross-over designs. SAS and S-Plus used.


PubH 5470. Topics: Biostatistics. [1-4 cr [max 20 cr]] Topics of interest in biostatistics.

PubH 5482. Latent Variable Models. (3 cr. Prereq-[5414, 5451 or 5450, 5452 or #) Introductions to use of statistical techniques known collectively as latent variable models. Exploratory confirmatory factor analysis, path analysis, structural equation modeling, latent trait models, latent class models. SAS/AMOS software are used.

PubH 5483. Statistical Methods for Correlated Data. (3 cr. Prereq-[5420 or equiv, 5452 or Stat 5363 or equiv], familiarity with matrix notation) or #) Correlated data arising from data collected over time or space, group randomizations, cluster sampling, nested designs, or randomization assumptions. Modeling, analysis, and interpretation appropriate for such data, for normally or non-normally (e.g. binary, Poisson, gamma) distributed outcomes. Computing using SAS software.

PubH 5484. Statistics for Human Genetics and Molecular Biology. (2 cr. Prereq-[5450, 5452 or equiv or # or background in molecular biology recommended] Introduction to statistical problems arising in molecular biology. Problems in physical mapping (radiation hybrid mapping, DDP), genetic mapping (pedigree analysis, lod scores, TDT), biopolymer sequence analysis (alignment, motif recognition), and micro array analysis.

PubH 5494. Master’s Project: Biostatistics. [1-3 cr [max 3 cr; S-N only. Prereq-[Bio MPH or grad student, #) Directed research toward completion of Master’s or Plan B project in biostatistics.


PubH 5502. Clinical Research Literature Review Seminar. [1 cr. Prereq-Clinical research student or #) Students review clinical research literature, critique hypotheses/goals, methodology of population selection, study design, subject measurement.

PubH 5503. Clinical Research Project Seminar. [2 cr. Prereq-[5530, clinical research grad student, master’s project/thesis paper [underway or near completion]] or #) Students to present their master’s project/thesis, give/receive feedback.

PubH 5510. Topics: Clinical Research. [1-4 cr [max 20 cr]] Topics of interest in clinical research.

PubH 5550. Clinical Research: Introductory Seminar for Health Professionals. [2 cr. Prereq- [Bachelors degree or degree from health professional program or grad student in [dentistry or medicine or nursing or pharmacy or public health or veterinary medicine] or #; not for clinical research MS students] Design/implementation of clinical research protocols. IRB, FDA, and other regulations. Practical tools for survey management.


PubH 5593. Directed Study: Clinical Research. [1-4 cr [max 20 cr. Prereq- CR grad student, #) Directed research or field practice in clinical research.

PubH 5605. Reproductive and Perinatal Health. (2 cr; A-F only. Prereq-Pub hth or grad student or #) Issues: programs, services, and policies. Social, cultural, psychological, physiologic, environmental, economic, and political factors that affect reproductive health, pregnancy, and childbearing.

PubH 5606. Health of Children. (2 cr. Prereq-Pub hth or grad student or #) Overview of public health issues related to children in the United States. Focus on identifying and planning effective public health strategies, policies, and programs to improve the health of infants and children.

For definitions of course numbers, symbols, and abbreviations, see page 300.
Course Descriptions


PubH 5610. Principles of Maternal and Child Health. (2 cr. Prereq–Pub hlth or grad student or #) For MCH students and others interested in learning about the needs of children and families. Examines MCH activities in the context of “Healthy People 2000,” including the history and organization of programs, policies, and advocacy activities.

PubH 5613. Chronic Illness and Disability in Childhood: Princ. and Programs. (2 cr. Prereq–Pub hlth or grad student or #) Principles, policies, programs, and practices for identifying and meeting the needs of children and adolescents with chronic health conditions and of their families. Skills emphasized: needs assessment, program development/evaluation, family empowerment, interdisciplinary team building, integrated/coordinate service delivery, advocacy.

PubH 5617. Practical Methods for Secondary Data Analysis. (2 cr. Prereq–Pub health [MPH or certificate] student or epidemiology PhD major or #) Introduction to methods for finding, transferring, and processing existing data sources. Focuses on practical approaches to pre-statistical data processing and analysis with STATA using a PC with an MS Windows operating system. Complex survey samples, other survey biases.


PubH 5628. Seminar: Race, Class, and Family Formation. (1 cr; S-N only. Prereq–Public health student or grad student or #) Impact of race/class on family formation, family dynamics, and family resiliency/maintenance. Explores whether traditional approaches in family intervention are effective among individuals who are not engaged in traditional social institutions.

PubH 5630. Foundations of Maternal and Child Health Leadership. (2 cr. Prereq–Pub health MCH major or #) Historical/current principles, programs, policies, and practices related to women, children, adolescents, and families. Analyzes role and uses of a personal leadership style/plan for development of leadership competencies. Leadership principles, skills, and models applied to improving health of MCH populations.

PubH 5634. Advocating for Change. (2 cr. Prereq–Pub health student or #) Strategies for changing systems, building skills in public policy research, information/perception management, coalition building, personal persuasion, advocacy.

PubH 5639. Prevention: Theory, Practice, and Application in Health Care. (3 cr. Prereq–[j or sr or grad student or professional school student] Current issues/controversies around prevention and how it relates to health services. History of prevention as an idea. Terminology, lifestyle intervention. Programs and legislative issues. Education, roles/implications for societal action.


PubH 5648. Topics: Maternal and Child Health. (1-4 cr [max 20 cr]) Topics of interest in maternal/child health.

PubH 5654. Adolescent Sexual Identity: Teen Risk and Professional Responsibility (in pub hlth or medicine or ed or soc work or counseling or youth service) Issues that gay, lesbian, and bisexual adolescents and their families face in coming to terms with sexual orientation. Helpful ways to work with this hidden population and their families. One-day workshop.

PubH 5655. Sexual Orientation Issues for Adolescents. (2 cr. Prereq–Baccalaureate degree or employment in ed or hlth or soc service field) Adolescent sexual orientation from perspective of individual identity: impact of the community and response of the community toward gay, lesbian, bisexual, and transgender youth, and interventions/roles of professionals in the school and community.

PubH 5673. Grant Writing for Public Health. (1 cr. Prereq–MCH or CHE or PubH Nutr or EPI MPH or #) Hands-on workshop. Focuses on children, youth, and families. Identifying successful elements of a grant application. Grant review process. Critiquing a grant. Writing an abstract. Writing an initial proposal. Writing a revised proposal.

PubH 5675. Women’s Health. (2 cr. Prereq–Public health [MPH or MS or PAD) student or health sciences grad student or #) Programs, services, and policies that affect women’s health in the United States. Methodological issues in research. Emphasizes social, economic, environmental, behavioral, and political factors. Measurement/interpretation of factors, how they translate into interventions, programs, and policies.


PubH 5694. Master’s Project: Maternal and Child Health. (2-4 cr [max 4 cr]. S-N only. Prereq–MCH major, #) Directed research toward completion of the master’s project in maternal and child health.

PubH 5696. Field Experience: Maternal and Child Health. (2-4 cr [max 4 cr]. S-N only. Prereq–MCH major, #) Supervised maternal/child health field study in health or public health setting under academic/professional supervision. Emphasizes application of acquired knowledge/skills to solve problems.

PubH 5700. Foundations of Public Health Administration. (3 cr. Prereq–PHA major or #) Organization of public health, predominantly in the United States. Role of public health administration. Problem-solving skills necessary for effective administration.

PubH 5705. Community Health Assessment. (3 cr. Prereq–Public health admin/policy major or #) Two of the three core functions of public health: health assessment, assurance. Lectures, discussion, group activities, oral presentations.

PubH 5708. Analysis of Administrative Data. (3 cr. Prereq–Public health or grad student or #) How to use data for various research designs. Origin, quality, strengths, limitations of data. Files based on Medicare/Medicaid data are used for hands-on learning. Emphasizes broad concepts/skills.

PubH 5711. Public Health Law. (2 cr. Prereq–Grad student or professional school student or #) Basic concepts of law, legislative process, and legal bases for existence/administration of public health programs. Legal aspects of current public health issues/controversies, regulatory role of government in health services system.

PubH 5717. Decision-Making Under Uncertainty. (2 cr. Prereq–Pub hlth or grad student or #) Introduction to theory/application of decision analysis. Focuses on descriptive (as opposed to normative/statistical) modeling of decision-making under uncertainty.

PubH 5721. Managing Collaborative Networks. (2 cr. Prereq–Grad student or professional school student or #) How to manage inter-organizational networks to coordinate provider organizations for associations and rural health networks.


PubH 5727. Health Leadership and Effecting Change. (2 cr. Prereq–Public health [MPH or certificate] student or #) Applications of a broad theoretical base in planned change to solve management/organizational problems in students’ future roles as leaders in health professions.

PubH 5740. Organizational Behavior. (2 cr. Prereq–Grad or professional school student or #) Human behavior in organizations. Motivation, leadership, influence of organizational structure, informal group behavior, interpersonal relations, supervision. Emphasizes preventing/solving problems among individuals/groups in organizations.

PubH 5741. Ethics in Public Health: Professional Practice and Policy. (1 cr. Prereq–Public health [MPH or certificate] student or environmental health [MS or PhD] major or #) Introduction to ethical issues in public health practice/policy. Ethical analysis, recognizing/analyzing moral issues.

PubH 5742. Ethics in Public Health: Research and Policy. (1 cr. Prereq–Public health [MPH or certificate] student or [clinical research MS or Environmental health [MS or PhD] or epidemiology PhD or [health services research, policy/admin [MS or PhD]] major or #) Introduction to ethical issues in public health research/policy. Ethical analysis. Recognizing/analyzing moral issues.

PubH 5751. Principles of Management in Health Services Organizations. (2 cr. Prereq–Public health [MPH or certificate] student or [dentistry MS or environmental health [MS or PhD]] major or #) Role of health-care services administrators, principles of management, administrative process. Lectures, case studies.

PubH 5752. Public Health Management. (3 cr. Prereq–Public health [MPH or certificate] student or [environmental health [MS or PhD] or [health services research, policy/admin [MS or PhD]] major or #) Managing projects/organizations in public health. Skills/knowledge necessary to determine mission of an organization, structure it to support individuals in their work, and motivate/manage to achieve goals.

PubH 5760. Healthcare Financial Management: Public Sector Emphasis. (2 cr. Prereq–Grad student or professional school student or #) Theory of managerial/financial accounting and of healthcare finance as they relate to program development for non-profit organizations. Empasizes methods whereby programmatic goals/ objectives can be integrated into financial planning, budget preparation, and budget control. Examining an overall program through financial analytical techniques.


PubH 5780. Topics: Public Health Administration and Policy. (1-4 cr [max 20 cr]) Topics of interest in public health administration.

PubH 5784. Master’s Project Seminar: Public Health Administration and Policy. (2 cr; S-N only. Prereg-Public health administration/policy major) Students participate in exercises to improve written/verbal communication, enhance skills related to giving constructive feedback. Ways that public health administration/policy is practiced. How to integrate knowledge into individually designed master’s project.

PubH 5791. Independent Study: Public Health Administration and Policy. (1-4 cr [max 4 cr]. Prereq-Public health administration/policy major, #) Independent study supervised by a public health administration and policy faculty member.

PubH 5794. Master’s Project: Public Health Administration and Policy. (2-5 cr; S-N only. Prereg-Public health administration/policy major, #) Students work with their advisor to complete one of three types of master’s projects: research project, critical literature review, or applied field project.

PubH 5796. Field Experience: Public Health Administration and Policy. (3 cr; S-N only. Prereg-Public health administration/policy major) Supervised public health administration and policy field study in public health or public health setting under academic/professional supervision. Emphasizes application of acquired knowledge/skills to relevant issues/problems.


PubH 5806. Principles of Public Health Research. (2 cr. Prereg-Pub hth or grad or professional school student or #) Evaluation of public health research literature and planning for independent research projects. Formulation of research question, research design, sample size determination, causes of loss, case-control studies, cohort studies, analysis of discrete data.


PubH 5832. Economics of the Health Care System. (3 cr. Prereq-[Grad or professional school student, knowledge of [microeconomic analytical tools, analytical statistics]]) Development of traditional issues in health economics. Production of health, demand for health capital and health care, insurance theory and markets, managed care, pricing, physician’s services, production analysis in health care institutions, role of government, cost effectiveness analysis, reform.

PubH 5835. Health Services Policy. (2 cr. Prereg-[Pub hth [MPH or certificate] or pub affairs MPA or healthcare admin MHA or [health serv research, policy/admin [MS or PhD]]) or #) Social, political, and economic context within which U.S. health-care system developed. Influence of these contextual elements on public policies guiding/regulating organization/delivery of health services.

PubH 5852. Program Evaluation in Health and Mental Health Settings. (3 cr. Prereq-#) Overview of evaluation methods, models of evaluation, objectives of an evaluative study, sampling of subjects, methods of data collection, methodological designs, interpretation of data, preparation of final report, and ethical and political considerations.

PubH 5855. Medical Sociology. (3 cr. Prereq-[Grad or professional school student, previous experience with statistical software] or #) Introduction to common theoretical/empirical approaches used by sociologists to study health/illness. How content reflects social inequalities in health/illness. Social processes that shape experience of health/illness.

PubH 5861. Health Insurance. (2 cr; A-F only. Prereg-Microecon theory course or #) Financing personal health care: theory of insurance, health insurance markets, cost sharing, HMOs, PPOs, public and catastrophic health insurance, and the uninsured. Emphasis on public policy.


PubH 5864. Conducting Health Outcomes Research. (3 cr. Prereg Intro crse in [epidemiology or health services research methods] or #) Major concepts/principles in conducting health outcomes research that evaluates medical care. Developing study designs matched to research questions. Frequently used study designs. Evaluating health outcomes. Analytical approaches.

PubH 5875. Practice of Health Services Research. (2 cr. Prereg-Pub health MPH or grad student or #) How practice of health services research is conducted in various organizations. Presentations by guest lecturers from health services research organizations. How the specific organization’s research is funded, how it sets an agenda, and how it carries out research.

PubH 5881. Topics: Health Services Research and Policy. (1-4 cr [max 20 cr]) Topics of interest in health services research and policy.

PubH 5900. Public Health Nutrition: Principles and Programs. (2 cr. Prereg-Pub health MPH or grad student or #) Principles of public health nutrition, roles and functions of public health nutritionists, programs and delivery mechanisms for promoting nutritional status of populations. Students explore their beliefs and competencies in relation to principles and philosophy of public health nutrition.

PubH 5902. Maternal and Infant Nutrition. (2 cr. Prereg-3xxx nutr course or equiv or #) Nutritional needs of childbearing women and infants. How to meet these needs through programs/services.

PubH 5905. Human Nutrition and Health. (2 cr. Prereg-1 or 2 grad or professional school student) Broad range of nutrition topics of contemporary interest. Concepts and facts about science of human nutrition in relation to personal and community nutrition problems and concerns. Applied, introductory graduate-level course with labs.

PubH 5907. Assessment of Dietary Intake. (1 cr. Prereg-Pub hth nutr major or #) Methods for assessing dietary intake of populations and individuals; appropriate uses of dietary assessment methods in public health, clinical, and research settings; evaluation and interpretation of dietary data.

PubH 5908. Anthropometric Assessment of Nutritional Status. (1 cr. Prereg-5450 or 5414 or equiv; grad or professional school student) Anthropometry as used to assess nutritional status; training and experience in taking basic measurements; practical experience in anthropometry; conceptual rationales and interpretation of anthropometric data.

PubH 5909. Topics: Public Health Nutrition. (1-4 cr [max 20 cr]) Topics of interest in public health nutrition.

PubH 5910. Critical Review of Research in Public Health Nutrition. (1 cr. Prereg-Pub hth nutr or mch major, grad-level course in research, biostats, epi or #) Applying principles of nutrition, epidemiology, and biostatistics to evaluate scientific research on topics of significance in public health nutrition. Interactive seminar format with lecture, discussion, and student presentations.

PubH 5911. Biochemical Assessment. (1 cr. Prereg-Grad or professional school student, 5450 or 5414 or equiv or #) Use of biochemical measurements for evaluation of nutritional status. Biochemical measurement methods, data analysis, and application of reference data; protein, vitamin, and mineral status.

PubH 5914. Community Nutrition Intervention. (3 cr. Prereg-Pub health [MPH or certificate] student or #) Nutrition intervention strategies used in health programs. Selecting appropriate strategies, applying them to specific target audiences, and evaluating their usefulness in relation to program objectives.


PubH 5932. Nutrition: Adults and the Elderly. (2 cr. A-F only. Prereg-Grad or professional school student or #) Current literature and research on nutrition needs and factors affecting nutritional status of adults and the elderly.

PubH 5933. Nutrition: Health/Disease Relationships. (2 cr. Prereg-5330, FScn 5622 or MDbc 5201 or equiv or #) Issues in nutrition and public health: biological and epidemiologic bases for public health dietary recommendations. Relation of nutrition to heart disease, cancer, hypertension, obesity, and other conditions.

PubH 5935. Child and Adolescent Nutrition. (2 cr. Prereg-Grad or professional school student or #) Current literature and research on specific issues of youth; biological, cultural, and psycho-social factors influencing food behaviors; and strategies for improving nutritional health.


PubH 5996. Field Experience: Public Health Nutrition. (1-6 cr [max 6 cr]; S-N only. Prereg-Pubh Nutr major) Supervised public health nutrition field study in health or public health setting under academic/professional supervision. Emphasizes application of acquired knowledge/skills to relevant issues/problems.
Rec 5900. Special Topics: Contemporary Issues in Leisure Services. (1-12 cr [max 12 cr].) Contemporary issues emphasizing administrative and supervisory functions for recreation and allied professions; individual offerings, to be determined by faculty, focus on special issues and professional groups.

Rec 5981. Research Methodology in Kinesiology, Recreation, and Sport. (3 cr; A-F only. Prereq–5961. Prereq–MEd or grad student or #) Defines/reviews various types of research in exercise and sport science, physical education, and recreation studies. Qualitative research, field studies, and introspective research strategies as alternatives to traditional scientific paradigm.

Rec 5992. Readings. Recreation. (1-3 cr [max 9 cr]. Prereq–#) Independent study under tutorial guidance by a faculty member in leisure studies. Intended as an opportunity to conduct in-depth study and reading on particular topic(s) not covered in regular coursework.

Rec 5995. Problems in Recreation, Park, and Leisure Studies. (1-12 cr [max 30 cr]. Prereq–MEd or grad student or #) Independent study of leisure service programs, systems, facilities, or policies; focus on conduct of recreation programs. Intended for scholarly projects (e.g., library or field research) or demonstration projects in the field of leisure studies and services. Not intended for additional fieldwork, practicum, or programming experience.

Rec 5241. Functional Intervention: Recreation Therapy in Geriatric Care. (3 cr; A-F only) Role of leisure in maintenance of mental, physical, social-emotional health/functioning. Issues related to prevention of impairment/disability. Rehabilitation, support of vital life involvement, effect on design/delivery of recreation services.

Rec 5271. Community Leisure Services for Persons With Disabilities. (3 cr; A-F only) Exploration and application of concepts and techniques of normalization and least restrictive environment strategies to leisure service delivery in inclusive community settings for a range of individuals with disabilities.

Rec 5301. Wilderness and Adventure Education. (4 cr; A-F only) Rationale for, methods in applying wilderness/adventure education programs in education, recreation, corporate, human service settings. Emphasizes adventure/wilderness program management.

Rec 5311. Programming Outdoor and Environmental Education. (3 cr; A-F only) Methods, materials, and settings for developing and conducting environmental and outdoor education programs.

Rec 5371. Sport and Society. (3 cr; A-F only) Prereq–[3126, grad student or #) Sport, sporting events, social influences, systems, and structures that have affected and exist within/among societies, nations, and cultures. Issues concerning social discrimination. Social concerns such as violence and honesty.

Rec 5421. Sport Finance. (3 cr; A-F only. Prereq–Grad student or #) Introduction to financial analysis in sport. Cash flow statements, budgeting issues, traditional/innovative revenue producing strategies available to sport organizations. Discussion, practical analysis of current market.

Rec 5461. Foundations of Sport Management. (3 cr; A-F only) Prereq–Rec or Kin student or #) Theories/techniques in administering/managing sport enterprises. Organizational theory/policy. Practical examples of sport management skills/strategies.

Rec 5511. Women in Sport and Leisure. (3 cr; A-F only) §Kin 5111) Critically examines women’s involvement in/contributions to sport, physical activity, and leisure.


Rec 5631. Programming and Promotion in Sport. (3 cr; A-F only. Prereq–Kin or Rec grad student or #) Legal issues related to recreation, park, and sport programs/facilities with public/private sectors.

Rec 5906. Senior Internship in Recreation, Park, and Leisure Studies. (1-12 cr [max 12 cr]; S-N only. Prereq–Rec sr, #) Supervised field experience for pre-professional studies in selected agencies.

Rec 3993. Directed Study in Recreation, Park, and Leisure Studies. (1-9 cr [max 24 cr]. Prereq–Rec major or #) Directed study to prepare student to demonstrate competence and proficiency in a broad area of recreation and park management: minimum impact approaches, and services. Not intended for additional fieldwork, internship, or programming experience.

Rec 5101. Foundations of Recreation. (3 cr; A-F only. Prereq–MEd or grad student or #) Developmental, sociological, psychological, and philosophical foundations of the recreational use of leisure in contemporary society. Includes a survey of leisure services.

Rec 5111. Sports Facilities. (3 cr; A-F only. §Kin 5111.) Steps in building and planning facilities for athletics, physical education, and sport for college, professional, and public use.

Rec 5115. Event Management in Sport. (3 cr; A-F only. Prereq–Grad student, #) Techniques/principles of planning, funding, and managing sport events. Collegiate championships, revenue producing strategies available to sport organizations. Discussion, practical analysis of current market.

Rec 5211. Introduction to Therapeutic Recreation. (3 cr; A-F only. Prereq–1501 or #) Purposive intervention; roles of specialist/recreation therapists in psychosocial, physical, emotional, and social needs of people with disabling conditions through recreation services; roles of specialists/recreation therapists changing societal attitudes toward illness and disability and the self-concepts of individuals with impairments.

Rec 5215. Assess and Monitor Patient/Client Functioning in Recreation Therapy. (3 cr. Prereq–TR major or academic health professional or #; majors A-F only) Selecting appropriate techniques/tools, analysis of individual’s supports/deficits. Monitoring/ recording progress in RT and in collaborative services: standard notes; team meetings; on-line reporting for quality assurance, referral, augmentation/termination of services.

Rec 5221W. Comprehensive Therapeutic Recreation Services Development and Management. (4 cr. Prereq–5211 or #, rec major) Guided development of written plans including development of protocols and critical pathway/ intervention programs/activities, individual treatment plans and standards for appropriate placement of individuals in group intervention, and management of patient/client service delivery, record keeping, and administrative responsibilities.

Rec 5231. Therapeutic Recreation and Diagnostic Groups. (3 cr; A-F only. Prereq–5211 or #) Definitions, philosophies, methodologies regarding therapeutic recreation services for persons in diagnostic groups of cognitive, physical, sensory, communication, and psychiatric impairments/disabilities. Lectures, group discussion. Presentations by parents, professionals, and self-advocates. Clinical or community practicum assignment.

Rec 5241. Functional Intervention: Recreation Therapy in Geriatric Care. (3 cr; A-F only. Prereq–3541 or 5111 or #) Role of leisure in maintenance of mental, physical, social-emotional health/functioning. Issues related to prevention of impairment/disability. Rehabilitation, support of vital life involvement, effect on design/delivery of recreation services.

Rec 5301. Wilderness and Adventure Education. (4 cr; A-F only) Rationale for, methods in applying wilderness/adventure education programs in education, recreation, corporate, human service settings. Emphasizes adventure/wilderness program management.

Rec 5311. Programming Outdoor and Environmental Education. (3 cr; A-F only) Methods, materials, and settings for developing and conducting environmental and outdoor education programs.

Rec 5511. Women in Sport and Leisure. (3 cr; A-F only) §Kin 5111) Critically examines women’s involvement in/contributions to sport, physical activity, and leisure.


Rec 5631. Programming and Promotion in Sport. (3 cr; A-F only. Prereq–Kin or Rec grad student or #) Legal issues related to recreation, park, and sport programs/facilities with public/private sectors.

Rec 5900. Special Topics: Contemporary Issues in Leisure Services. (1-12 cr [max 12 cr].) Contemporary issues emphasizing administrative and supervisory functions for recreation and allied professions; individual offerings, to be determined by faculty, focus on special issues and professional groups.

Rec 5981. Research Methodology in Kinesiology, Recreation, and Sport. (3 cr; A-F only. Prereq–5961. Prereq–MEd or grad student or #) Defines/reviews various types of research in exercise and sport science, physical education, and recreation studies. Qualitative research, field studies, and introspective research strategies as alternatives to traditional scientific paradigm.

Rec 5992. Readings. Recreation. (1-3 cr [max 9 cr]. Prereq–#) Independent study under tutorial guidance by a faculty member in leisure studies. Intended as an opportunity to conduct in-depth study and reading on particular topic(s) not covered in regular coursework.

Rec 5995. Problems in Recreation, Park, and Leisure Studies. (1-12 cr [max 30 cr]. Prereq–MEd or grad student or #) Independent study of leisure service programs, systems, facilities, or policies; focus on conduct of recreation programs. Intended for scholarly projects (e.g., library or field research) or demonstration projects in the field of leisure studies and services. Not intended for additional fieldwork, practicum, or programming experience.
Course Descriptions

Religions in Antiquity (RelA)

Department of Classical and Near Eastern Studies
College of Liberal Arts

RelA 1001. Introduction to the Religions of the World. (3 cr.)
An introduction to the major religions of the world and the academic study of religion. Hinduism, Buddhism, Judaism, Christianity, Islam, and some pre-Christian religions of Antiquity.

RelA 1031. Introduction to the Religions of South Asia. (3 cr.)
Historical study of the three traditional religions of India: Hinduism, Buddhism, and Jainism through literature, art, and film. General topics include myth, yoga, mysticism, and the religious order of society.

RelA 1024. Introduction to Judaism. (3 cr. §3034, §1083) Survey of the historical study of Judaism from the rabbinic period through today. Ancient and modern sources used to study Judaism. Combines Western critical methodologies with the Jewish traditions of learning.

RelA 1035. Introduction to Christianity. (3 cr; A-F only)

RelA 1082. Jesus in History. (3 cr. §1182) Jesus of Nazareth in his original setting. Modern approaches to Jesus in historical Jesus. Perspectives and needs of early gospel writers and effects of portrayals of Jesus. Shifting representations of Jesus in new historical and cultural situations. Meets with RelA 1182.

RelA 1082H. Honors Course: Jesus in History. (3 cr. §1082) Jesus of Nazareth in his original setting. Modern approaches to historical Jesus. Perspectives/needs of early gospel writers, effects of portrayals of Jesus. Shifting representations of Jesus in new historical/cultural situations. Meets with 1082.


RelA 3034. Introduction to Judaism. (3 cr. §3034, §1034) Survey of Jewish literature/history, literature, beliefs, practices, values, laws, national, and cultural developments from the rabbinic period through today. Ancient and modern sources used to study Judaism. Combines Western critical methodologies with the Jewish traditions of learning.

RelA 3035. Introduction to Christianity. (3 cr; A-F only. §1035) Christian traditions throughout history. Emphasizes recurrent themes: reform/renewal, relations between church/society, varieties of spiritual formation, elusive pursuit of Christian unity.

RelA 3036. Islam: Religion and Culture. (3 cr.) Religion of Islam, faith, practices, sectarian splintering, expansion outside original home to status of world religion, institutions, status in world societies - Asia, Europe, Americas.

RelA 3070. Topics in Ancient Religion. (3 cr.)
Study of a specific aspect of religion in antiquity, such as healing cults, magic and divination, Gnosticism, or prophecy and divination. Topics vary by instructor and from year to year. Topics specified in Class Schedule.

RelA 3071. Greek and Hellenistic Religions. (3 cr. §3171) Greek religion from the Bronze Age to Hellenistic times. Sources include literature, art, archaeology. Homer and Olympian deities; ritual performance; prayer and sacrifice; temple architecture; death and the afterlife; mystery cults; philosophical religion; Near Eastern salvation religions. Meets with 3071.

RelA 3071H. Honors: Greek and Hellenistic Religions. (3 cr. §3171) Greek religion from Bronze Age to Hellenistic times. Sources include literature, art, archaeology. Homer and Olympian deities; ritual performance; prayer and sacrifice; temple architecture; death and the afterlife; mystery cults; philosophical religion; Near Eastern salvation religions. Meets with 3071.

RelA 3072. The New Testament. (3 cr.)
Early Jesus movement in its cultural and historical setting: origins in Judaism; traditions about Jesus; Paul, his controversies/interpreters; questions of authority, religious practice, structure; emergence of the canon of scripture. Contemporary methods of New Testament study.


RelA 3073. Roman Religion and Early Christianity. (3 cr.)


RelA 3088. Archaeology in Biblical Lands I: Old Testament. (3 cr.)

RelA 3089. Archaeology in Biblical Lands II: New Testament Period. (3 cr.)

RelA 3112. Jewish Mysticism, Magic, and Kabbalah. (3 cr; A-F only)
Mystical traditions from early rabbinic traditions to Zohar (Book of Splendor) in 13th century. Literature of heavenly ascent (Hehalot, Merkavah), Book of Creation (Sefer Yetzirah), precursors of Zohar—the Bahir. Schools of Provence, Gerona, and Zohar. Tension between legal/mystical aspects, magical theurgic techniques, evolution of doctrine of Sefirot, mystical interpretation of Scripture, erotic dimension.

RelA 3115. Mishnah and Midrash in Translation. (3 cr.)
Mishnaic literature and the development of the Talmud. The translation and interpretation of Mishnaic and Talmudic literature into Hebrew, English, or modern languages.


RelA 3127. Jesus in History: Historical and Religious Studies. (3 cr.)
Jesus in the context of his historical and religious setting: origins in Judaism; traditions about Jesus; Paul, his controversies/interpreters; questions of authority, religious practice, structure; emergence of the canon of scripture. Contemporary methods of New Testament study.


RelA 3251. Modern Study of the Old Testament. (3 cr. Prereq–Knowledge of Hebrew required) Methods used in studying the Old Testament, including textual criticism, the anthropological approach, the sociological approach, the history of religion, and the use of archaeology in interpreting the text.


RelA 3502. Ancient Israel: From Conquest to Exile. (3 cr. Prereq–Hebrew not required; 3501 recommended) Israelite history in context of what is known from Egyptian, Canaanite, Mesopotamian sources. Foci on Israel's rise and fall, as evidenced by archaeological data related to Israelite conquest of Canaan.


RelA 3504. Development of Israelite Religion II. (3 cr) Ancient Judaism from the Persian restoration (520 BCE) to Roman times (second century CE). Religious, cultural and historical developments are examined to understand Jewish life, work, and worship under a succession of foreign empires: Persian, Greek, and Roman.

RelA 3993. Directed Studies. (2-4 cr [max 10 cr], Prereq–A) Student works with faculty on a subject decided upon by both.


RelA 5070. Topics in Ancient Religion. (3 cr. Prereq–RelA 3071 or 3072 or 3073 or 5071 or 5073 or any RelS course or #) Study of a specific aspect of religion in Classical and Near Eastern antiquity such as healing cults, magic and divination, Gnosticism, or prophecy and authority. Topics specified in Course Schedule.

RelA 5071. Greek and Hellenistic Religions. (3 cr. §3071, §3171) Greek religion from the Bronze Age to Hellenistic times. Sources include literature, art, and archaeology. Homer and the Olympic deities; ritual performance; prayer and sacrifice; temple architecture; oracles; death and the afterlife; mystery cults; philosophical religion; Near Eastern salvation religions. Meets with 3071.


RelA 5112. Jewish Mysticism, Magic, and Kabbalah. (3 cr. A-F only) Mystical traditions from early rabbinc traditions to Zohar (Book of Splendor) in 13th century. Literature of heavenly ascent (Hezkaloth, Merkavah), Book of Creation (Sefer Yetzirah), precursors of Zohar—the Bahir, Schools of Prokence, Gerona, and Zohar. Tension between legal/mystical aspects, magical techniques, evolution of doctrine of Seferot, mystical interpretation of Scripture, erotic dimension.

RelA 5115. Mishnah and Midrash in Translation. (3 cr. A-F only) Jewish law as mirror of society and the way to actualize its value. Original socioreligious contexts, current applications. Selections include biblical interpretations addressing moral, theological, legal, and literary problems.

RelA 5251. Archaeology of Herodian Israel. (3 cr. A-F only. Prereq–One course in [archaeology or ancient history] or grad student) Archaeological sites in Israel dating to era of Herod the Great (37-4BC). Palaces, religious edifices, and remains from Jewish/gentile settlements throughout the kingdom. Course readings consist of contemporary literary sources and excavation reports.

RelA 5993. Directed Studies. (1-4 cr) Directed studies in religion. Credits may vary from term to term to a limit of nine.

Rhetoric (Rhet) Department of Rhetoric

College of Agricultural, Food and Environmental Sciences


Rhet 1152W. Writing on Issues of Science and Technology. (4 cr; A-F only. Prereq—Exemption from 1101 or equiv) Ethical, social, and political challenges created by science/technology. Analyzes persuasion strategies through which experts, political decision-makers, and citizens meet these challenges. Bioscience controversies such as cloning, organ transplantation. Controversies over pollution, ozone depletion.

Rhet 1223. Oral Presentations in Professional Settings. (3 cr; A-F only. §Comm 1101) Techniques for analyzing an audience, determining a purpose, developing an argument, and delivering a presentation. Techniques for oral and visual presentations and basic communication techniques.


Rhet 1311. The Family in American Experience. (3 cr) The American family as portrayed in fiction, poetry, drama, and autobiography. Introduction to literature both as artistic and as ideological construct. Analysis of the social critique of American family life.

Rhet 1315. The Land in American Experience. (3 cr) Land in America as idea and as actual space. History of cultural values and the meanings land holds for us. Contrasting views of land, especially those of certain Native American peoples. Rise of the conservation movement and the urbanization of U.S. space.


Rhet 3101. Functional Photography. (3 cr; A-F only) Basic photographic communication. Emphasizes techniques of producing 35mm color transparencies for use in presentations/publications. Students provide their own camera/film.


Rhet 3108W. Gender and the Rhetoric of Science and Technology. (4 cr) How cultural gender roles are affected by science/technology. Influence of gender roles on scientific/technological thinking (e.g., communication strategies, language, image). Values/goals of past/present scientific/technological communities.

Rhet 3221W. Theories of Human Communication. (4 cr. Prereq—1101 or 1152 or EngC 1011 or equiv) Through lecture, discussion, simulations, and small group work students become familiar with theories and practices of interpersonal, small group, organizational, and scientific, and technical communication.

Rhet 3257. Scientific and Technical Presentations. (3 cr. Prereq—1223 or #) Oral presentation skills for scientific or technical topics. Visual communication, analysis, organizing a presentation, presenting complex material. Emphasizes use of computers.

Rhet 3266. Group Process, Team Building, and Leadership. (3 cr. Prereq—1223 or equiv or #) Group processes, team building from perspective of managers/leaders. Communication techniques in small group decision making process. Theories of team/small-group communication. Case studies. Group project for each student.


Rhet 3371. Technology, Self, and Society. (3 cr. Prereq—3151, JR or SR) Cultural history of American technology. Social values that technology represents in shifts from handicraft to mass production/consumption to modern transportation, communication, and bioengineering. Ethical issues involved in themes of power, work, identity, and our relation to nature. How technology conditions our way of thinking.

Rhet 3376. Terrorism. (3 cr) Terrorism is not only an ethical but an international problem. Different cultures have meant different historical trajectories for terrorism. To illustrate this, the course contrasts Algerian, Irish, and Arab terrorism.

Rhet 3381. 20th-Century Culture. (3 cr) Culture represented in historical/political events and arts of the period. Emphasis on European and American painting with units on architecture, literature, film, and theater, as well as a consideration of philosophy and ethics in other disciplines.

Rhet 3382. War. (3 cr) Claim: If ethics (right/wrong) exist in war, then right/wrong exist everywhere. Students experience this claim through its expression in various arts/humanities media of history, memoir, philosophical meditation, and film.

Rhet 3383. In Search of Nature. (3 cr) The human need for a relationship with nature and the ways we organize our environment to reflect this need. Various images such as the pastoral and wilderness are traced historically. Tensions between rural and urban views of nature.

Rhet 3384. From Soil to Civilization: Agriculture and the Emergence of the Modern World. (3 cr; A-F only) Central importance of emergence of agriculture (i.e., domestication of plants/animals) in development of settled communities, cities, nations, and empires. How it happened, how we know. Differences among agricultural developments on different continents.

Rhet 3401. Internet Communication: Tools and Issues. (2 cr. Prereq—Internet access including e-mail, Netcapse 3.0 or higher or equiv) Current/developing tools/issues of internet-based communication. E-mail, e-commerce, social/cultural context of communication. Discussion topics vary, depending on current issues in existing or emerging technologies. Active online participation required.

Rhet 3470. Special Topics in Communication Skills. (2 cr [max 6 cr]) Topics vary, see current Class Schedule.

Rhet 3562W. Technical and Professional Writing. (4 cr; A-F only. Prereq—[1101 or 1152W or EngC 1011 or equiv] or [JR or SR]) Written/oral communication in professional settings. Gathering information, analyzing audience, assessing conventional formats, computer software, revising. Oral presentation of final reports.

Rhet 3577W. Rhetoric, Technology, and the Internet. (3 cr; A-F only. Prereq—[1101 or equiv] or [3401 or equiv]) The Internet from a rhetorical perspective. How the Internet is changing language, power to persuade, scientific/technical knowledge, and legal issues such as copyright, privacy, and free speech. Emphasizes how scientific/technical information is conveyed on the Internet. Ethical issues specific to use of computers.

Rhet 3671. Project Design and Development I. (3 cr; A-F only. Prereq—[3562, STC major or #]) Rhetorical principles applied to visual presentation of information/data in print documents. Students create examples of visual communication and design selected technical publications. Principles of technical writing.

Rhet 3672. Project Design and Development II. (3 cr; A-F only. Prereq—3671) Students study, plan, research, design, and develop technical communication print documents, including documentation, brochures, and newsletters. Introduction to workplace project processes. Emphasizes developing production-quality documents.

Rhet 3701W. Rhetorical Theory and Scientific and Technical Communication. (4 cr. Prereq—[1101 or 1152W or EngC 1011 or equiv]) Principles/history of rhetorical theory/criticism. Emphasizes classical theories, especially “Aristotle’s Rhetoric.” Apply Aristotelian concepts to examples of contemporary communication. Relationship of classical theory to scientific discourse, technical communication.

Rhet 4105W. Corporate Video for Technical Communicators. (4 cr; A-F only. Prereq—3562W or equiv or #) Introduction to products, professionals, and processes of corporate video. Students analyze corporate video; submit a proposal, treatment, and script; maintain a journal; complete an interactive unit on production; and conduct research on a video-related topic of their choice.

Rhet 4165. Managerial and Organizational Communication, Planning, and Change. (3 cr; A-F only. Prereq—3566 or #) A study of organizational theory, communication processes, planning, and change with emphasis on action research in scientific and/or technical settings. Study of organization and management theory to develop organizational consultative skills.

Rhet 4196. Internship in Scientific and Technical Communication. (3-6 cr [max 6 cr]; S-N only. Prereq—STC major, #) Internships sites may include the University, industry, or government agencies. An internship proposal, progress report, internship journal (optional), and final report with a letter from the internship supervisor is required.

Rhet 4501. Usability and Human Factors in Technical Communication. (3 cr. Prereq—5 or grad student or #) Principles/concepts of human factors/usability testing. Developing objectives, criteria, and measures. Conducting tests in lab, field, and virtual environments. Using software programs to analyze qualitative/quantitative data. Lab fee of $36 required for use of the Usability Services Laboratory to conduct usability projects.

Rhet 4561. Editing and Style for Technical Communicators. (3 cr. Prereq—[3562, STC major or rhetoric minor or grad student]) or #) Editorial process, levels of style, ethical considerations. Cohesion, clarity, coherence, organization, audience. Writer-editor relationship. Editor’s marks. Copyright issues.

Rhet 4573W. Writing Proposals and Grant Management. (3 cr; A-F only. Prereq—3562W) Research funding sources. Interpreting an RFP or program announcement. Letters of intent. Grant preparation following guidelines of an RFP or program announcement. Proposals for nonprofits or research/business proposals. Using Microsoft Project.
Course Descriptions

Rhet 4626W. Emerging Technologies in Scientific and Technical Communication. (4 cr; A-F only. Prereq–3562 or equiv)
Creating multimedia, hypertext, online help, and internet documents. Linear/nonlinear design, linking, reading/editing online. Principles of technical communication taught through projects: scripts, online support, mark-up language.

Rhet 5111. Information Design: Theory and Practice I. (3 cr; A-F only. Prereq–Grad student or #)
Audience analysis, media selection, message design through various theoretical perspectives, including cognitive/schema, social construction, feminist, intercultural theories. Usability testing, contextual inquiry as means to study effectiveness of messages.

Rhet 5112. Information Design: Theory and Practice II. (3 cr; A-F only. Prereq–Grad student or #)
Political, economic, social, and technical aspects of media selection and message design. Media analysis, scripts, budgets, treatments, project-design plans, interactive screens. Online design project.

Rhet 5196. Internship in Scientific and Technical Communication. (3-6 cr [max 6 cr]; S-N only. Prereq–STC grad or #)
Internship sites may include the University, industry, or government agencies. An internship proposal, progress report, internship journal (optional), and final report with a letter from the internship supervisor are required.

Rhet 5258. Information-Gathering Techniques in Scientific and Technical Communication. (3 cr; A-F only)
Informational, employment-cycle, and problem-solving interviews. Emphasizes guides, schedules, questioning techniques, and communication theories. Descriptive statistics used to analyze data for various projects.

Rhet 5270. Special Topics. (1-3 cr [max 3 cr]; A-F only. Prereq–[STC or RSTC] [major or grad student]), #)
Topics specified in Class Schedule.

Rhet 5291. Independent Study. (1-3 cr [max 3 cr])
Prereq–#,
Suggested reading/research on advanced projects not covered in regularly scheduled offerings.

Rhet 5511. Research in Scientific and Technical Communication. (3 cr; A-F only)
Experimental/survey research techniques for quantitative/qualitative methodologies in scientific/technical communication. Face-to-face, phone, focus group interviewing. Questionnaire development, contextual inquiry. Using rating, ranking, q-sort methods. Ethics, experimental bias, inferential statistical analysis.

Rhet 5531. Scientific and Technical Communication Course Development and Pedagogy I. (3 cr; A-F only. Prereq–Grad)
Pedagogical philosophy/methodology in beginning writing, speaking, and technical communication class. Introduction to theories underlying teaching/tutoring with technology.

Rhet 5532. Scientific and Technical Communication Course Development and Pedagogy II. (3 cr; A-F only. Prereq–5531 or #)
Pedagogical philosophy/methodology in advanced writing, technical communication, distance education courses. Introduction to theories of teaching in scientific/technical communicating/teaching with multimedia.

Rhet 5533. Scientific and Technical Communication Course Development: Teaching Seminar. (1 cr. A-F only. Prereq–5531 or 5532)
Mentor with faculty, usually concurrently with student’s first teaching assignment. Students shares observations, solves teaching problems in seminar setting. Issues facing new teachers, developing a philosophy of teaching. Focuses on evaluating work in classroom.

Rhet 5534. Designing Technical Training for Intercultural Audiences. (3 cr; A-F only)
Select and research a training topic, write learning objectives and outcomes, set the conditions for learning, complete a comprehensive course outline, and one training module.

Rhet 5562. Theory and Practice in International Business Communication. (3 cr; A-F only. Prereq–3562 or equiv)
Theories and practice in international and intercultural scientific, technical, and business communication. Examine cultural differences by studying cultural metaphors and research studies, by interviewing people from other cultures including international business managers, and through case studies.

Rhet 5564. Science Writing for Popular Audiences. (3 cr; A-F only. Prereq–3562 or #)
How science is “translated” for popular audiences. Rhetorical theory used to critique popularized articles. Developing a heuristic for writing articles. Controversial issues surrounding movement from science as “science” to science as “popular.”

Rhet 5775. Major Figures in Rhetorical Tradition: Classical Period. (3 cr; A-F only)
Classical theories of rhetoric. Epistemological status of rhetoric. Ethical implications of persuasion. Emphasizes “Aristotle’s Rhetoric” as a founding document. Other figures (e.g., Plato, Isocrates, Cicero, Quintilian).

Rhet 5776. Major Figures in Rhetorical Tradition: Modern Era. (3 cr; A-F only)

Russian (Russ)

Institute of Linguistics, ESL, and Slavic Languages and Literatures

College of Liberal Arts

Russ 1101. Beginning Russian I. (5 cr)
Listening, speaking, reading, writing.

Russ 1102. Beginning Russian II. (5 cr. Prereq–1101 or equiv)
Listening, speaking, reading, writing.

Russ 1104W. Introduction to Russian Literature: 19th-Century Fiction. (3 cr)
Introduction to the study of literature illustrated by materials drawn from Russian literature of the 19th century.

Russ 1905. Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq–Grad)
Topics specified in Class Schedule.

Russ 3001. Intermediate Russian I. (5 cr. Prereq–1102 or equiv)
Conversation, composition, grammar review, translation, readings in literature.

Russ 3002. Intermediate Russian II. (5 cr. Prereq–3001 or equiv)
Expansion of experience in speaking, reading, and understanding Russian. Reading contemporary texts.

Russ 3101. Advanced Russian I. (4 cr. Prereq–3002 or equiv)
Advanced grammar, conversation, composition, and reading.

Russ 3102. Advanced Russian II. (4 cr. Prereq–3101 or equiv)
Advanced grammar, conversation, composition, and reading.

Russ 3104. Introduction to Literary Analysis. (3 cr. Prereq–3002 or equiv)
Reading and analysis of poetry and prose selections to understand rudiments of studying Russian literature. Readings are in Russian.

Russ 3105. Russian Poetry and Prose. (3 cr. Prereq–3002)
Appreciation of literary values through stylistic analysis and literary interpretation; analysis of humanistic elements. Readings in Russian.

Russ 3211. Modern Russian Literature in Translation. (3 cr. §5211)
Literary, cultural, and political significance of modern Russian literary works.

Russ 3211. Russian Major Project. (3 cr; A-F only.
Prereq–Advanced Russian major)
Directed research and writing in student’s chosen field.

Russ 3311H. Honors Major Project in Russian. (3-4 cr; A-F only §3132, §3131. Prereq–Russ major, #)
Directed research/writing in student’s chosen field.

Russ 3404. Tolstoy in Translation. (3 cr; §5404)
Novels, stories, and philosophical writings of Leo Tolstoy.

Russ 3407. Stories and Plays of Anton Chekhov in Translation. (3 cr. Prereq–§5407)
Study of literary devices and themes in selected stories and major plays using the intrinsic approach.

Russ 3409. 19th-Century Russian Novel. (3 cr. §5409)
The Russian realistic novel from origin to decline. Social, political, and intellectual circumstances that led to its emergence as the dominant genre of the “age of realism” in Russia.

Russ 3411. Dostoevsky in Translation. (3 cr. §5411)
Novels, stories, and miscellaneous writings of Fyodor Dostoevsky.

Russ 3421. Literature: Middle Ages to Dostoevsky in Translation. (3 cr. §5421)
Russian literature from about 1000 A.D. to mid-19th century; emphasizing writers of the first half of the 19th century.

Russ 3422. Literature: Tolstoy to the Present in Translation. (3 cr. §5422)
Survey of Russian literature from mid-19th century to the present: realism, modernism, feminism and other trends.

Russ 3512. Russian Art and Culture from Peter I to the Present. (3 cr)
Major trends in Russian visual arts discussed in the context of pertinent social, political, and ideological questions.

Russ 3601. Methods of Translating Fiction From Russian to English. (3 cr. Prereq–§5601, 3102 or equiv)
Learning to appreciate a variety of literary styles through the experience of translation.

Russ 3900. Topics in Russian Language, Literature, and Culture. (1-4 cr [max 16 cr]. Prereq–1102 for language topics)
Variable topics in Russian language, literature and culture. Consult department for details.

Russ 3993. Directed Studies. (1-4 cr. Prereq–#,
A, Q)
Guided individual study.

Russ 5021. Russia Study Tour. (6-18 cr. Prereq–3002 or equiv)
Study of Russian language and culture in an accredited institution in Russia.

Russ 5104. Introduction to Literary Analysis. (3 cr. Prereq–3002 or equiv)
Reading and analysis of poetry and prose selections to understand rudiments of studying Russian literature. Readings are in Russian.

Russ 5105. Russian Poetry and Prose. (3 cr. Prereq–3002 or equiv)
Appreciation of literary values through stylistic analysis and literary interpretation; analysis of humanistic elements. Readings in Russian.

Russ 5211. Modern Russian Literature in Translation. (3 cr)
Literary, cultural, and political significance of modern Russian literary works.
Course Descriptions

Scandinavian (Scan)
Department of German, Scandinavian, and Dutch
College of Liberal Arts
Scan 1101. Intensive Modern Icelandic. (3 cr) [max 9 cr]
Prereq–[Dan or Nor or Swed] [1004 or 4004] or #)
Basic listening, speaking, reading, writing. Everyday subjects (shopping, directions, family, food, housing). Culture/society. First half at University of Minnesota-Twin Cities; second half at University of Iceland-Reykjavik. Six-week course.
Scan 1201. Introduction to Scandinavian. (3 cr)
Five Scandinavian countries introduced through literature, art, and film. Historical origins, nationalism, European Union, welfare state, environment, contemporary Scandinavian identity.
Scan 1904. Topics: Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq–Fr or no more than 30 cr))
Topics specified in Class Schedule.
Scan 1909W. Topics: Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq–Fr or max 36 cr)
Topics specified in Class Schedule.
Scan 3011. Readings in Scandinavian Languages. (4 cr. Prereq–Dan or Nor or Swed) or #)
Reading/composition in Danish, Norwegian, and Swedish for advanced proficiency. Introduction to differences between the three languages.
Scan 3501W. Scandinavian Culture Past and Present. (3 cr)
Cultural, social, and political developments; principal views and core values; major cultural figures; Scandinavian mentality. Readings in translation for nonmajors. Invited lectures on central topics within selected areas of study.
Scan 3502. Scandinavian Myths. (3 cr)
Literary and cultural investigation of the popular beliefs, myths, and religion of the medieval Scandinavians; the interaction of paganism and Christianity; the reflection of myths in Old Scandinavian literature and art. All readings in English.
Scan 3503. Scandinavian Folklore. (3 cr)
Literary and folkloristic investigation of Scandinavian folktales and legends. Readings in translation for nonmajors.
Scan 3504. The Immigrant Experience. (3 cr)
Issues of origin and language, immigration and settlement, traditions and values, culture and politics, and transgressions of boundaries from the old to the new studied through photos, diaries, letters, stories, and novels by Moberg, Rålvaag, Ager, and other pioneers. All readings in translation.
Scan 3505. Scandinavian Fiction From 1890 to Present. (3 cr)
Modernity’s search for new forms to represent changing historical situations. Ibsen, Strindberg, Hamsun, Selma Lagerlöf, Hjalmar Bergman, Par Lagerkvist, Karen Blixen, Moa Martinson, Tarjei Vesaas, Edith Södergran, Ingmar Bergman, Lars Gustafsson. All readings in translation.
Scan 3601. Great Literary Works of Scandinavia. (3 cr)
Major literary works from the Middle Ages to the present. Readings in translation.
Scan 3602. The Literary Fairy Tale in Scandinavia. (3 cr)
Examples of literary fairytales from Scandinavia, especially Hans Christian Andersen. Readings in translation for non-majors.
Scan 3605. The Scandinavian Short Story. (3 cr)
Short stories by important 19th- and 20th-century authors from all the five Scandinavian countries. Genre theory and practical criticism. Readings in English for non-majors.
Scan 3612. Images of Scandinavia in Art, Film, and Literature. (3 cr)
Images of Scandinavia(n) in art, film, and literature by both Scandinavians and foreigners. Images of self-knowledge, self-revelation, and others. Representational photos and videos of people, locations, and styles. Readings in English.
Scan 3613. Children’s Literature in Scandinavia. (3 cr)
Analysis and discussion of representative works in Scandinavian children’s literature from picture books to young adult books using a variety of critical methods of interpretation. Taught in English.
Scan 3618. Scandinavian Drama. (3 cr)
Study of representative plays by Henrik Ibsen, August Strindberg, Hjalmar Bergman, Par Lagerkvist, Nordahl Grieg, Kjeld Abell, and Ingmar Bergman in the context of modern theater with emphasis on politics and society. All readings in translation.
Scan 3619. Travel in Literature. (3 cr)
Scan 3634. Scandinavian Women Writers. (3 cr)
Investigation of issues important to women as articulated by Scandinavian women writers. Historical overview of women’s writing in Scandinavia and in-depth investigation of texts by contemporary women writers. All readings in translation.
Scan 3670. Topics in Scandinavian Studies. (3 cr [max 9 cr])
Topic may focus on a specific author, group of authors, genre, period, or subject matter. Topics specified in Class Schedule. Readings in English for nonmajors. May meet with 5670.
Scan 3993. Directed Studies. (1-4 cr [max 12 cr]; Prereq–A, A, L)
Guided individual reading and study.
Scan 4101. Intensive Modern Icelandic. (3 cr) §1101.
Prereq–Grad student. A
Basic listening, speaking, reading, writing. Everyday subjects (shopping, directions, family, food, housing). Culture/society. First half at University of Minnesota-Twin Cities; second half at University of Iceland-Reykjavik. Six-week course. Meets with 1101.
Scan 4502. Fiction and Film. (3 cr)
Examines film adaptations of classical Scandinavian literary texts and explores similarities and differences between the viewer’s and reader’s experiences in the media of film, drama and epic narration. Includes works by Blixen, Hamsun, Ibsen, Strindberg, Axel, Bergman, Dreyer and Losey.
Scan 4614. Introduction to Kierkegaard. (3 cr)
The literary, philosophical, theological, and psychological dimensions of Kierkegaard’s work. Kierkegaard’s influence on 20th-century culture in general and existentialism in particular. Analysis and discussion of selections from Kierkegaard’s entire oeuvre. Readings in English.
Scan 5501. Scandinavian Mythology. (3 cr)
Study of Scandinavian mythology based on primary sources represented by Saxo Grammaticus, Snorri Sturluson’s Edda and Ynglinga Saga, and the Poetic Edda. Myths are analyzed using contemporary critical approaches. All readings in translation.
Scan 5502. The Icelandic Saga. (3 cr)
Study of the sagas written in 13th-century Iceland. Discussion includes cultural and historical information about medieval Iceland and analysis of a selection of saga texts using contemporary critical approaches. All readings in translation.
Scan 5613. Contemporary Scandinavian Literature. (3 cr)
An investigation of issues which emerged as extremely important after 1945 in Scandinavia, as articulated by writers and analyzed by researchers in social sciences. All readings in translation.
Scan 5615. Ibsen and the Beginnings of Modern Drama. (3 cr)
Close reading of Ibsen’s “modern tragedies” from A Doll’s House (1879) to When We Dead Awaken (1899). Focus is on the dialectics between Ibsen and his society, and dramatic structure and staging conventions in the context of modern theater. Readings in English for nonmajors.
Scan 5616. Strindberg and the Drama in Revolt and Change. (3 cr)
Strindberg as the master of naturalistic drama and the precursor of modernity in European and American theater. Close reading of plays with emphasis on dramatic structure and staging conventions in the context of modern theater. All readings in English for nonmajors.
Scan 5670. Topics in Scandinavian Studies. (3 cr [max 9 cr])
Topic may focus on a specific author, group of authors, genre, period, or subject matter. Topics specified in Class Schedule. Readings in English for nonmajors. May meet with 3670.
Scan 5701. Old Norse Language and Literature. (3 cr)
Acquisition of a reading knowledge of Old Norse; linguistic, philological and literary study of Old Norse language and literature.
Course Descriptions

Scan 5704. History of the Scandinavian Languages. (3 cr)
Investigation of the development of the Scandinavian languages from the earliest periods to the present.

Scan 5710. Topics in Old Norse Literature. (3 cr [max 9 cr]; Prereg: 5710 or equiv)
Topic may focus on Old Norse prose or poetry. Primary texts read in Old Norse. Critical literature about texts, medieval Icelandic culture in English. Topics specified in Class Schedule.

Scan 5993. Directed Studies. (1-4 cr [max 12 cr]; Prereg: #, A, Q)
Guided individual reading and study.

Science in Agriculture (ScAg)

College of Agricultural, Food and Environmental Sciences

ScAg 1001. Orientation to Science in Agriculture. (1 cr; S-N only)
Discussion of the Science in Agriculture major, current issues, career planning, and professional development. Interviews with faculty and other resource persons.

ScAg 1501. Biotechnology, People, and the Environment. (3 cr; A-F only)
Basic concepts in genetic engineering as a foundation for studying the impact of biotechnology on agriculture, medicine, industry, and the environment. Controversial aspects of biotechnology related to public policy issues are discussed.

ScAg 4009W. Undergraduate Senior Thesis: Science in Agriculture. (1-6 cr [max 12 cr]; A-F only; Prereg: 4001 or sr major in ScAg, #)
Research and thesis experience conducted under supervision of a COAFES faculty member. Recommended course length is one full year. A written bound thesis and oral presentation of research results is required.

Slavic (Slav)

Institute of Linguistics, ESL and Slavic Languages and Literatures

College of Liberal Arts

Slav 5900. Topics in Slavic Languages and Literatures. (3 cr)
Topics specified in Class Schedule.

Social Work (SW)

School of Social Work

College of Human Ecology

History of American social services; rise of professional social work in response to human need. Social, political, and economic factors influencing public policy and services. Role of social workers with individuals, families, groups, and communities; values and ethics of professional helping role.

SW 3051. Cultural Diversity and the Healing Process. (3 cr)
Ethno-cultural concepts relevant to service delivery. Cross-ethnic issues, practice considerations in human services, issues that produce barriers to services for diverse racial/cultural client groups.

SW 3101. Interventions in Community and Social Policy. (3 cr)
Applying social work skills and values to community organization, social action, and social problems using an ecological framework.

SW 3203. Interventions with Individuals and Groups. (3 cr)
Using an ecological framework, apply social work skills and values to work with individuals and small groups.

SW 3402. Child Abuse and Neglect: Intervention and Prevention. (3 cr)

SW 3705. Gender Violence in Global Perspective. (3 cr)
Theories/research on violence in intimate domestic relationships examined through multiple lenses. Overview of interventions in Minnesota, United States, and other societies.

SW 3706. Family Violence and Prevention: Exploring the Issues. (3 cr)
Major issues related to child abuse, gender violence, elder abuse, and intergenerational issues of violence in families. Types of violence, issues unique to families. Dynamics, contributing factors, and types of interventions.

SW 3810. Special Topics. (2-4 cr; A-F only)
Topics specified in Class Schedule.

SW 4001. Basic Counseling and Interviewing Skills in the Social Work Helping Process. (1 cr; A-F only)
Development/maintenance of a social worker-client helping relationship. Professional values and ethics. Interviewing skills of active listening, empathy, and authenticity. Identifying purpose, roles, and responsibilities through asking questions, reflecting, and clarifying.

SW 4002. Advanced Counseling and Interviewing Skills in the Social Work Helping Process. (1 cr; A-F only)
Builds on 4001. Focuses on assessment and on developing reasonable, measurable, and attainable goals. Working with involuntary clients, goal attainment strategies, evaluating progress, and ending.

SW 4693. Directed Studies. (1-10 cr [max 10 cr]; Prereg: #)
Guided individual research or study related to social issues, social work methods, or social work history.

SW 4694. Directed Research. (1-10 cr [max 10 cr]; Prereg: #)
Guided research related to social issues, social work methods, or social work history.

SW 5051. Human Behavior and the Social Environment. (2-4 cr; A-F only)
Prereg: Grad student or 8 cr social sciences or #)
Social, psychological, biological, and cultural factors of individual and group development as applied to social work practice. Behavior and life-cycle development focusing on diversity and each stage of life. Discuss development in terms of the individual, and in terms of overlapping social systems such as the multigenerational family, culture, community, and society.

SW 5052. Ecologies of Child Development within Communities of Color. (3 cr; Prereg: Grad or #)
Examines social, affective, and cognitive development of children of color via a life course, ecological systems framework. Family, school, peers, and community are studied as ecological contexts which influence developmental trajectories for these children and youth. Attention is given to poverty, racism, and oppression.

SW 5101. Historical Origins and Contemporary Policies and Programs in Social Welfare. (3-4 cr; A-F only; Prereg: Grad or 8 sem cr of social sciences)
Contemporary policies and programs in social welfare are examined in light of their historical origins and evolutions. A framework is then developed for analysis of concepts and principles in contemporary social policy for social welfare programs and services. The emergence of the profession of social work also examined.

SW 5105. Women and Public Policy. (3 cr)
Study of feminist organizations, issues and conflicts within organizations and movements; methods and sources for studying feminism.

SW 5107. Child Development and Social Policy. (3 cr; Prereg: Grad or #)
Examines the intersection of conceptual orientations of developmental psychology with policies that affect children and families. Demographic, historic, and social trends underlying the assumptions that drive policies directed at women and children; projections of future policies.

SW 5309. Case Management with Special Populations. (3 cr; Prereg: Grad or adult special or #)
Examine concepts and principles of case management practice with special populations such as older adults, persons with developmental disabilities, and persons with serious and persistent mental illness. The core functions of case management practice in a range of settings are addressed in relationship to issues of diversity, vulnerability, and empowerment.

SW 5313. Social Work with Older Adults. (2 cr; Prereg: Grad or adult special or #)
The practice components of social work with older adults including assessment, intervention, and case management. Taught from the perspective of bio-psycho-social strengths and challenges and within the context of current social policy and delivery systems.

SW 5314. Social Work in the Schools. (2 cr; Prereg: Grad or adult special or #)
Application of social work methods in a school setting. Emphasizes assessment, diagnosis, consultation, advocacy, interdisciplinary team building, and crisis intervention.

SW 5315. Social Work Practice in Hospitals and Health Care Settings. (2 cr; Prereg: Grad or adult special or #)
Prepares students for social work practice in a hospital or health care setting. Focus on integration of conceptual and practice subject matter that covers differential assessment, clinical intervention models, impact of acute and chronic illness, special populations, managed care, legal and ethical issues, interdisciplinary team work, and transition planning in health care.

SW 5316. Brief Treatment and the Task-Centered Approach. (2 cr; §8363. Prereg: Grad or adult special or #)
The advent and current prominence of brief treatment models in work with individuals, families, and groups including their theoretical and empirical bases. Practice with diverse populations in a context of managed care. Emphasis on the task-centered approach including skill training and supervised practice.

SW 5317. Social Work With Involuntary Clients. (2 cr; Prereg: Grad or adult special or #)
Includes theory, ethics, effectiveness, and intervention methods for work with client systems that experience involuntary contact with a social worker. Interventions at micro, mezzo, and macro levels are included. Practice in varied settings such as child welfare, mental health, corrections, and public schools as well as practice related to organizational responses to change.

SW 5318. Family Centered Home Based Services. (2 cr; §8314. Prereg: Grad or adult special or #)
Ecological, multisystems approach focusing on the family system. Triadic theory, meta-neutrality, strengths-focus, case management and team treatment. Family-based services evaluated for high-risk, multi-problem families and as an alternative to foster placement.

SW 5319. Adolescents: Norms, Culture, and Health. (2 cr; Prereg: Grad or adult special or #)
Relationships among familial, social, societal, political, economic, environmental, psychosocial, and cultural determinants of adolescent behavior that affect health; major public health issues and problems of adolescents.

SW 5481. Child Abuse Prevention I: Research and Theory. (3 cr; Prereg: Bachelor’s degree or #)
Foundation of research/theory for level I child abuse prevention studies certificate.
SW 5482. Child Abuse Prevention II: Program Development, Evaluation, and Advocacy. (3 cr. Prereq-5481) Design and evaluation of policies and programs of interventions to prevent child abuse. This is the second course in the Level I Child Abuse Certificate program.

SW 5483. Child Abuse Prevention III: Skill Building I—Cultural and Legal Issues. (3 cr. Prereq—Bachelor’s degree or #) Risk factors, protective factors, resilience in cultural settings. Identifying/designing strategies appropriate to cultural characteristics. First course for level II child abuse prevention certification.


SW 5519. Mediation and Conflict Resolution. (3 cr. §5519) Develop mediation skills for making informed decisions regarding the appropriateness of mediation for conflicts that frequently confront social worker practitioners such as divorce, neighborhood disputes, conflicts between parents and adolescents, conflicts between spouses, and conflicts between crime victims and offenders.

SW 5525. Global Perspectives on Social Welfare, Peace, and Justice. (3 cr. Prereq—PreReq-2001 or #) Role of international social welfare in meeting basic human needs and promoting human rights, social justice, and peace. Theories, models, and social policies in different economic and political systems with emphasis on Third World nations.

SW 5705. Violence in Families. (3 cr. §5705). Prereq—Grad student or adult special or #) Pre/Intervention with perpetrators, survivors, and social institutions. Perpetration, effects on victims, social responses to family violence. Child abuse/neglect. Abuse of women/vulnerable adults. Roles of gender, race, culture, age, physical ability, and sexual orientation.


SW 5707. Interventions with Battered Women and Their Families. (2 cr. §5705). Prereq—Grad or adult special or #) Current theories, research, and evaluation of interventions with battered women and their families. Focus on practice, e.g., direct work with social institutions, victim-survivors, and assailants and their families.

SW 5708. Substance Abuse and Social Work. (3 cr. Prereq—Grad or adult special or #) Assessment and intervention in situations involving substance abuse with special emphasis on cross cultural practice. Relationships of substance abuse to areas such as child welfare, mental illness, and violence within families are examined.

SW 5709. Applied Psychopharmacology for Human Service Professionals. (2 cr; A-F only) Categories of psychoactive drugs. Medications to treat mental disorders. Legal drugs such as alcohol, nicotine, sedatives, and tranquilizers. What is occurring physiologically when someone takes a psychoactive drug.

SW 5711. Co-Occurring Addictive and Mental Health Disorders. (2 cr; A-F only. Prereq—Cannot be taken for cr by MSW students) Mentally ill, chemically abusive, or dependent clients. Intervention, advocacy, education, and support for client and those who are part of his or her environment. Social, environmental, and multicultural factors. Meets partial state requirements for becoming licensed as an alcohol/drug counselor.

SW 5810. Seminar: Special Topics. (1-4 cr [max 10 cr]) Topics specified in Class Schedule.

SW 5811. Social Work Ethics. (2 cr §8801. Prereq—Grad student or adult special or #) Acquire knowledge base and develop skills required to identify ethical issues, resolve ethical dilemmas, and make ethical decisions within the context of the professional practice of social work. Values base and ethical standards of the profession and ethical decision-making models examined in-depth.


SW 5991. Independent Study in Social Work. (1-4 cr [max 4 cr]) Independent study in areas of special interest to students and faculty.

Sociology (Soc) Department of Sociology

College of Liberal Arts


Soc 1011V. Honors: Introduction to Sociology. (4 cr. §1011, §1012W. Prereq—Honors) Scientific study of human societies/behavior. Major theories, methods, concepts, research findings. Characteristics of basic social units, their patterns of interrelation, processes of change.

Soc 1090. Topics in Sociology. (1-3 cr; Prereq—#) For freshmen. Topics specified in Class Schedule.

Soc 1091. Independent Study. (1-4 cr; Prereq—#) Independent study of an established 1xxx course. Available only by request.

Soc 3002. Social Problems. (3 cr; A-F only. Prereq—1001 or #) Analysis of the social problems including, inequality, crime, drug abuse, pollution, racism, among others. Examination of proposed solutions and evaluation of policy consequences.

Soc 3090. Topics in Sociology. (1-3 cr; Prereq—1001, 5090 or #) Topics specified in Class Schedule.

Soc 3091. Independent Study. (1-4 cr; Prereq—#) Independent study of an established 3xxx course. Available only by request.

Soc 3093. Directed Study. (1-4 cr. Prereq—1001, #, A, Q) Guided individual reading or study at the sophomore level.

Soc 3094. Directed Research. (1-4 cr. Prereq—1001, #) Guided research experience at the sophomore level.

Soc 3101. Introduction to the American Criminal Justice System. (3 cr. Prereq—1111) Components, dynamics, and philosophical underpinnings of criminal justice and agencies (law enforcement, courts, corrections).

Soc 3102. Introduction to Criminal Behavior and Social Control. (3 cr; A-F only §3111) Issues in science of crime as a social phenomenon. Creation/use of laws, patterns/causes of crime.


Soc 3211W. American Race Relations. (3 cr; A-F only) Surveys conceptual and theoretical tools sociologists use to study race relations in the United States. Empirical focus on the history of race relations among different racial/ethnic groups in the United States including, American Indians, African-Americans, Latinos, Asian-Americans, and white ethnics.

Soc 3221. Sociology of Gender. (3 cr; A-F only §WoSt 5201. Prereq—1001 or #) Organization, culture, and dynamics of gender relations as major features of social life. Gender and racial inequalities in the workplace, relationships between gender and race, gender and culture, sexuality, gendered politics, and the women’s movement.

Soc 3251W. Sociological Perspectives on Race, Class, and Gender. (3 cr; A-F only) Race, class, and gender as aspects of social identity and as features of social organization. Experiences of women of color in the United States; exploration of family life, work, violence, sexuality and reproduction, and the possibilities for social change.

Soc 3301W. The Uses of Citizenship: An Introduction to Political Sociology. (3 cr; A-F only. Prereq—1001 or #) The ideas of citizenship and the relationship between politics and society; public sphere and civic culture. Research practicum volunteering at a policy-relevant site using participant observation methods.


Soc 3351W. Politics and Society in the New Europe. (3 cr §PoIs 3451. Prereq—1001 or Pol 3051 or #) Generational change/values, political parties, welfare state, future of European integration, political stability/democratization.

Soc 3411W. Organizations and Society. (3 cr; A-F only. Prereq—1001 or #) Formal organizations as major social influences in work lives, personality development, social change, and conflict. Life-course analysis of enterprises, bureaucracies, and voluntary organizations. Organizational control, conflict, coordination, and interorganizational sets/relationships.

Soc 3415. Sociology of Consumer Behavior. (3 cr; A-F only. Prereq—1001 or #) Behaviors related to symbolic value of material goods: how symbols are created, acquired, diffused, and used for organizing personal identity and for maintaining group boundaries. Fashion, Socialization. Structure of retail trade. Role of mass media, advertising, marketing/production strategies. Implications of world-wide markets for manufacturing goods and selling them in retail stores. Readings, classroom discussions, lectures.

Soc 3451W. Urban Community. (3 cr. Prereq—1001 or #) Social, economic, and political organization of the urban community focusing on racial inequality/ segregation, urban enclaves, social reproduction, and civic participation of elites and residents. Cross-national comparisons, including United States, Europe, and East Asia.

For definitions of course numbers, symbols, and abbreviations, see page 300.
Course Descriptions


Soc 3501. Sociology of the Family. (3 cr; Prereq-1001 or #) Families in contemporary American society; historical and cross-cultural comparisons; interrelationships of families with other social institutions; race, class, and gender in shaping family experiences. Topics may include marriage, divorce, childbearing, parenthood, family violence, gay and lesbian families.

Soc 3511. World Population Problems. (3 cr. Prereq-1001 or #) Population growth and natural resources, fertility and mortality in less developed nations, population dynamics and forecasts, policies to reduce fertility.

Soc 3661. Japanese Society Today. (3 cr; A-F only. §EAS 3661. Prereq-1001 or 1011 or exper in East Asia or §) Forms of social relations and values, religion, childhood, family, community, education, work, business organization, politics, social classes, crime and deviance, police, popular culture, status of women and minorities, social protest movements, and international relations.

Soc 3671. Contemporary Chinese Society: Mainland China, Hong Kong, Taiwan. (3 cr; A-F only. §EAS 3671, §Geog 3671, Prereq-1001 or Geog 1301 or equiv social sciences or humanities course or §) Focuses on post-1949 mainland China, Taiwan, and Hong Kong. Chinese family, dating and marriage, rural and urban societies, population, work and occupation, socioeconomic development and inequalities, and impacts of post-1978 reforms.

Soc 3701. Social Theory. (4 cr; A-F only. Prereq-1001 or #) Traditions of social theory that have been basic to sociological knowledge, how they have expanded in contemporary theory, and their applications in selected areas of empirical research.

Soc 3711. Principles of Social Organization. (3 cr; A-F only. Prereq-1001 or equiv) How and why social organization is possible. Concepts and theories of social structure, primary forms of social organization (groups, communities, networks, formal organizations), basic social processes (integration, differentiation, regulation, change), and how social organization evolves from individual decision making.

Soc 3721. Principles of Social Psychology. (3 cr. Prereq-1001 or #) Impact of social location on individual attitudes and behaviors, dynamics of interpersonal relationships and small groups, and processes of social interaction.


Soc 3811. Basic Social Statistics. (4 cr. Prereq-GC 0731 or intermediate algebra; 3801 recommended) Descriptive statistics. Measures of central tendency, deviation, association. Inferential statistics focusing on probability and hypothesis testing. T-tests, Chi-square tests, variance analysis, bivariate regression. Statistical software used to analyze sociological data.

Soc 3821. Computer Use for Social Statistics. (1 cr; S-N only. Prereq-§ 3811 recommended) Elementary computer use for social statistics applications. Use of Statistical Package for Social Sciences (SPSS) for preparing and analyzing sociological data.

Soc 3991H. Junior Honors Seminar. (3 cr; A-F only. Prereq-§ Soc honors student) Read and discuss advanced research literature; explore research funding opportunities; design individual research projects.

Soc 4090. Topics in Sociology. (3 cr. Prereq-1001 or #) Topics specified in Class Schedule.


Soc 4093. Directed Study. (1-4 cr. Max 12 cr. Prereq, #, A-S) Guided individual reading or study at junior or senior level.

Soc 4094. Directed Research. (1-4 cr. Prereq- #) Guided research experience at the junior/senior level.

Soc 4094W. Directed Research: Senior Project. (4 cr; A-F only. Prereq-#) Guided research experience at junior/senior level.

Soc 4101W. Sociology of Law. (3 cr; A-F only. Prereq-1001 or 3101 or 3111 or # or 3701 recommended) Sociological analysis of law/society. Why people obey the law, social forces involved in creating law (both civil and criminal), procedures of enforcement, impact of law on social change.


Soc 4105. Sociology of Punishment and Corrections. (3 cr; A-F only. Prereq-3101 or 3102 or 3111 or #) Advanced study of correctional strategies such as prison, probation, and parole. Theories/structures of diversion, probation, parole, and other community corrections programs. U.S. penal policies/practices compared with those in other countries.

Soc 4107. Comparative Law and Social Control. (3 cr; A-F only. Prereq-3101 or 3102 or 3111 or #) Sociological analysis of legal systems in different countries. Relationship between legal systems and society. Cross-national variation in crime rates, criminal justice systems, legal doctrine, litigation, and lawyers.

Soc 4108. Current Issues in Crime Control. (3 cr. Prereq-3101 or 3102 or 3111 or #) Selected current criminal justice policies examined from perspective of courts, legislature, community, and interest groups. Impact of criminal justice policy changes on society and on social control agencies.


Soc 4111. Deviant Behavior. (3 cr; A-F only. Prereq-3101 or 3102 or 3111 or #) Definition/nature of deviant behavior. Social processes associated with deviant careers and social reintegration. Relationship of deviant behavior to social control.

Soc 4114. Social Control of Women Offenders. (3 cr. Prereq-3101 or 3102 or 3111 or #) Historical/current explanations for female criminality. Current trends in women’s participation in crime and their treatment in the legal system.

Soc 4125. Policing American Society. (3 cr; A-F only. Prereq-3101 or 3102 or 3111 or # or 4161, 4162 recommended) Police organizations/operations from social science perspective. Formal and informal policing: role/functions, legal bases, accountability/restraints, community relations, use of force, illegal practices.

Soc 4135. Sociology of White-Collar Collar Crime. (3 cr. Prereq-3101 or 3102 or 3111 or #; soc majors must register A-F) Causes/consequences of white-collar crime. Control issues, including public perception, legislation, criminal law responses (enforcement, sentencing, punishment), and alternative control mechanisms.

Soc 4141. Juvenile Delinquency. (3 cr; A-F only. Prereq-3101 or 3102 or 3111 or #) Childhood and delinquency. Measuring extent/distribution of delinquent behavior. Applying theories to relationships within family, school, and peer group. Institutional responses to delinquency. Evaluating programs for treatment, prevention, and control.

Soc 4142. Juvenile Justice and Law. (3 cr. Prereq-3101 or 3102 or 3111 or #; Jr or Sr or grad student; grad students may register S/N) Evolution of juvenile court. Organizational relationships among court, police, and other agencies. Policies regarding serious/status offenders. Intake, diversion, prettrial detention, waiver to adult court, sentencing. Conflicts over due process and treatment objectives. Current movements to abolish juvenile justice system.

Soc 4147. Sociology of Mental Illness. (3 cr; Prereq-1001 or 3101 or 3102 or 3111 or #) Sociological theory/research related to definitions/origins. Epidemiology, reaction patterns, use of mental health services.

Soc 4148. Criminal Psychopathology. (3 cr. Prereq-3r or grad; only grad may take S-N.) Psychiatric/psychological aspects of antisocial/criminal behavior as related to issues faced in courts and in criminal justice system.

Soc 4149. Killing. (3 cr. Prereq-3r or grad; only grad may take S-N) Sociological, legal, and psychological aspects of diverse types of killing. The topic of “normal” killings is contrasted with various pathological types. Subtopics include: mentally disturbed killings, sexual killings, killings within families, gang killings, and terrorist killings.

Soc 4161. Criminal Law in American Society. (3 cr. Prereq-3101 or 3102 or 3111 or #) Purposes of criminal law and of principles of criminal liability, justification, and excuse. Applications to law of criminal homicide, sexual assault, drugs, and crimes against property, public order, and morals.

Soc 4162. Criminal Procedure in American Society. (3 cr. Prereq-3101 or 3102 or 3111 or #) How constitutional democracy balances need to enforce criminal law and rights of individuals to be free of unnecessary government intrusion.

Soc 4170. International Law and Cultural Change. (3 cr; A-F only. Prereq-1001 or 3101 or 3111 or #) How international law is perceived, accepted, and applied in different societies. How international law is used both to preserve and alter social relationships. The role of international law in promoting global order.

Soc 4175. Law, Politics, and Inequality. (3 cr. Prereq-1001 or 3101 or 3102 or 3111 or #; Soc major must register A-F) Critically evaluates law as a resource that defines, reinforces, and alters social relationships. Connection between law and justice. Law seen from perspective of class, race, or gender.
Soc 4246. Sociology of Health and Illness. (3 cr; A-F only. Prereq- One sociology course or #) Health in context. Topics of social, political, economic, and cultural forces and of medical knowledge. Social meanings of illness. How people seek help for and manage their illnesses. How doctors, nurses, and patients interact. Social movements surrounding the health.

Soc 4305. Society and the Environment: A Growing Conflict. (3 cr; A-F only. Prereq- 1001 or environmental course or #) Societal causes and cures of ecological problems such as global warming, species extinction, and resource exhaustion.


Soc 4441. Work-Family Links. (3 cr. Prereq- 1001 or #) Effects of spouses’ work experiences on the family, organization of household work, adolescent employment, occupational attainment; and changes in work organizations related to the increasing prevalence of female employment and dual-earner families.


Soc 4601. Comparative Social Structure. (3 cr; A-F only. Prereq- 1001 or #) Comparative analysis of selected societies. Application of comparative methods to explain differences, similarities in social structure, development. Topics include: social class, status, political economy, policies, social movements, ethnic identities, multiculturalism, demography. Methods include network models, Boolean analysis.

Soc 4662. Comparative East Asian Development: A New Model for Growth and Prosperity. (3 cr; A-F only. EAS 4662. Prereq - 3661 or Soc 3661 or related Asian or sociology courses or East Asian experience or #) Social and cultural features of the rapid growth and relative equity of Japan, South Korea, Taiwan, Hong Kong, Singapore, and more recently, China. Relation of these examples to more general theories of development.

Soc 4811. Sociology of German Society. (3 cr; A-F only. Prereq- 1001 or #) The making of German society; institutions in cross-national comparison (including family, education, welfare state, social movements, law); and current issues of German society.

Soc 4703. Social Theory and Cultural Change. (3 cr; A-F only. Prereq- 1001 or #) Key changes in cultural life in the United States and internationally, and theories that have been developed to understand them. Topics may include work, family, social movements, media and popular culture, and politics.

Soc 4821. Computer Methods in Social Research. (3 cr. Prereq- 3801 or equiv recommended) Computer applications in social science research. Hands-on practice using and evaluating software for conducting research; using the Internet; automated surveys; transforming and analyzing numeric, textual, and graphical data; using simulations and other computer models.

Soc 4966W. Major-Project Seminar. (4 cr; A-F only. Prereq- 3701, 3801, 3811, 12 upper div sociology) A Directed individual research for the sociology major’s senior project requirement, conducted in conjunction with enrollment in an upper division sociology course.

Soc 4977V. Senior Honors Proseminar I. (3 cr; A-F only. Prereq- 3701, 3801, 3811, 9 additional upper div sociology cr, sr soc honors major,) Exploring contemporary research for senior thesis. Guidance in defining a problem and reviewing prior theory/research. Presentation/discussion with faculty researchers.

Soc 4978V. Senior Honors Proseminar II. (3 cr; A-F only. Prereq- 4977V or #, 3701, 3801, 3811, at least 9 additional upper div sociology cr, sr soc honors major,) Developing the methodology of senior project, researching it, and writing up the thesis. Students work individually or in small groups in consultation with seminar director and other faculty. Group discussion of individual projects.

Soc 5090. Topics in Sociology. (1-3 cr. Prereq- 1001 or #) Topics specified in Class Schedule.


Soc 5301W. Social Movements. (3 cr. Prereq- # for undergrads; 3301 or #) Origins, dynamics, and consequences of social movements. Dilemmas and challenges facing movement organizations. Relationship among movements, parties, and states and role of movements in bringing about change. Case studies of civil rights, labor, environmental, women’s, gay rights, and student movements.

Soc 5455. Sociology of Education. (3 cr. Prereq- 1001 or equiv.) Structures and processes within educational institutions. Links between educational organizations and their social contexts, particularly as these relate to educational change.


Soil (Soil) Department of Soil, Water, and Climate College of Agricultural, Food and Environmental Sciences

Soil 1125. The Soil Resource. (4 cr) Basic physical, chemical, and biological properties of soil. Soil genesis classification and principles of soil fertility. Soil survey information used to make a land-use plan. WWW used for lab preparation information.

Soil 2125. Basic Soil Science. (4 cr [max 4 cr]; A-F only. Prereq- Chem 1011 or Chem 1021 or equiv) Basic physical, chemical, and biological properties of soil. Soil genesis classification, principles of soil fertility. Use of soil survey information to make a land-use plan. WWW used for lab preparation information.


Soil 3521. Soil Judging. (1-3 cr [max 3 cr]; A-F only. Prereq- 4513) Learn about collegiate soil judging by participating in a regional or national soil judging contest.

Soil 4093. Directed Study. (1-7 cr. Prereq- #) Research, readings, and instruction.

Soil 4094. Directed Research. (1-7 cr. Prereq- #) Research under the direction of department faculty.

Soil 4111. Introduction to Precision Agriculture. (3-5 cr; A-F only. Prereq- #)_distribution/formation of soils on earth’s surface. Soil variability/taxonomy. How various soils interact with water, plants, microorganisms, and pollutants. Use/management of land via appreciation of earth’s varied soil resources.

Soil 4511. Field Study of Soils. (2 cr; A-F only. Prereq- 2125) Learn to write soil profile descriptions in the field. Class requires hands-on experience to determine soil texture, color, and horizon designations in the field.

Soil 5111. Practicum Internship in Precision Agriculture. (2-5 cr; S-N only; Prereq-) Practical experience in precision agriculture in agri-industry/business. Content and extent of work at the internship site is jointly decided by the instructor, host business representative, and student’s principal adviser.

Soil 5125. Soil Science for Teachers. (3 cr) Basic physical, chemical, and biological properties of soil. Soil genesis classification and principles of soil fertility. WWW used for lab. Soil survey information used to make a land-use plan. Similar to 2125 with less emphasis on chemistry.

Soil 5232. Vadose Zone Hydrology. (3 cr. Prereq- [Math 1271 or equiv], [Phys 1042 or equiv]) Basic soil physical properties/processes governing transport of mass/energy in soils. Emphasizes water/solute transport through unsaturated root/ vadose zones, their impact on subsurface hydrology and on water quality. Lectures, hands-on laboratory exercises, discussion of real world problems, problem solving.


Soil 5312. Soil Chemistry and Mineralogy Laboratory. (2 cr; Prereq- 5311 recommended) Clay mineral preparation for X-ray diffraction, selective mineral dissolution, cation exchange properties, absorption and solubility reactions and their modeling, carbonat equilibrium, and organic matter extraction and identification.
Course Descriptions

South Asian Languages and Cultures (SALC)

Department of Asian Languages and Literatures

College of Liberal Arts

SALC 1506. Introduction to Contemporary South Asia. (3 cr)
Land, people, modern historical development, contemporary problems, global setting, and future outlook of South Asia.

SALC 1607. Introduction to Indian Civilization. (3 cr)
Indian civilization in light of its development. Social, cultural, economic, and political life. Hindu, Muslim, and Buddhist contributions.

SALC 3201. Ancient Indian Literature in Translation. (3 cr)
Literary achievements of Indian civilization from the ancient period.

SALC 3202. Modern Indian Literature in Translation. (3 cr)
Literary achievements of Indian civilization from the modern period.

SALC 3411. Introduction to Indian Philosophy. (3 cr)
Major concepts; principal schools of Indian philosophy; traditional and contemporary views.

SALC 3412. Hinduism. (3 cr)
Development of Hinduism focusing on sectarian trends, modern religious practices, myths and rituals, pilgrimage patterns and religious festivals, and the interrelationship between Indian social structure and Hinduism.

SALC 3413. Buddhism. (3 cr)
Historical account of Buddhist religion in terms of its rise, development, various schools, and common philosophical concepts. Indian Buddhism, compared with Hinduism; Buddhism’s demise and revival on the Indian subcontinent.

SALC 3414. Comparative Religions of South Asia. (3 cr)
Compares and contrasts basic philosophical concepts, literatures, ideologies, and ritualistic practices of Hinduism, Buddhism, and Jainism with those of Islam and Sikhism.

SALC 3456. The Cinema of India. (3 cr)
Survey of cinema of South Asia; aesthetic, social, economic, and political perspectives.

SALC 3506. Introduction to Contemporary South Asia. (3 cr)
Land, people, modern historical development, contemporary problems, global setting, and future outlook of South Asia.

SALC 3521. Gandhi and Non-Violent Revolution. (3 cr)
Character of Gandhi, his influence over contemporaries, and his hold on the world today.

SALC 3556. Women in India: Role and Repression. (3 cr)
Representation of Indian women studied through literature of contemporary Indian women and against background of traditional Indian values and roles.

SALC 3607. Introduction to Indian Civilization. (3 cr)
Indian civilization in light of its development. Social, cultural, economic, and political life. Hindu, Muslim, and Buddhist contributions.

SALC 5011. Indio-Aryan Linguistics. (3 cr)
Phonological, morphological, and syntactic developments; Indo-European, Old Indo-Aryan, Middle Indo-Aryan, Hindi, and other major modern Indio-Aryan languages.

SALC 5090. Instruction in South Asian Languages. (3-5 cr)
Individualized instruction in one of the South Asian languages.

SALC 5201. Ancient Indian Literature in Translation. (3 cr)
Literary achievements of Indian civilization from the ancient period.

SALC 5202. Modern Indian Literature in Translation. (3 cr)
Literary achievements of Indian civilization from the modern period.

SALC 5204. Folklore of India. (3 cr)
A study of the main genres of Indian folklore—folk tales, folk songs, folk epics, folk dramas, proverbs, and riddles—their relationship to Indian society and interrelationship with literary traditions, both great and small.

SALC 5411. Introduction to Indian Philosophy. (3 cr)
Major concepts; principal schools of Indian philosophy; traditional and contemporary views.

SALC 5412. Hinduism. (3 cr)
Development of Hinduism focusing on sectarian trends, modern religious practices, myths and rituals, pilgrimage patterns and religious festivals, and the interrelationship between Indian social structure and Hinduism.

SALC 5413. Buddhism. (3 cr)
Historical account of Buddhist religion in terms of its rise, development, various schools, and common philosophical concepts. Indian Buddhism, compared with Hinduism; Buddhism’s demise and revival on the Indian subcontinent.

SALC 5414. Comparative Religions of South Asia. (3 cr)
Compares and contrasts basic philosophical concepts, literatures, ideologies, and ritualistic practices of Hinduism, Buddhism, and Jainism with those of Islam and Sikhism.

SALC 5456. The Cinema of India. (3 cr)
Survey of cinema of South Asia; aesthetic, social, economic, and political perspectives.

SALC 5730. Seminar in South Asian Culture. (4-5 cr)
Selected topics on South Asian cultures.

SALC 5833. India’s Gods and Goddesses. (3 cr)
Indian history examined by following development of the deities Krishna, Shiva, and Kali.

SALC 5993. Directed Studies. (1-5 cr)
Guided individual reading and study of topics not covered in regular courses. Open to qualified students for one or more semesters.

SALC 5994. Directed Research. (1-5 cr)
Directed research on topics of language, literature, or civilization selected by qualified students with consent of instructor and studied on tutorial basis.

Spanish (Span)

Department of Spanish and Portuguese Studies

College of Liberal Arts

Span 0144. Intermediate Medical Spanish. (0 cr; S-N only. Prereq—1st yr college-level Spanish or equiv.) Vocabulary of Spanish medical terms, skills in report writing, proper format for medical communications. Developing conversational fluency for medical-related topics.

Span 0221. Reading Spanish. (0 cr; S-N only)
Intensive reading of a variety of texts to provide a basic reading knowledge of Spanish. At the end of the semester students may take the equivalent of the Spanish Graduate Reading Examination.

Span 0344. Advanced Medical Spanish. (0 cr; S-N only. Prereq—Span 0144, 2 yrs Spanish College Level or equiv.) A cr course designed to further develop and strengthen the language skills and cultural awareness students have been exposed to and acquired in Intermediate Spanish. A course designed to help care professionals communicate with patients who speak Spanish.

Span 1001. Beginning Spanish. (5 cr. Prereq—Less than 2 yrs of high school Spanish.) Basic listening, speaking, reading, writing skills. Emphasizes development of communicative competence. Some cultural readings.


Span 1003. Intermediate Spanish. (5 cr. Prereq—[1002 or 1022] or entrance proficiency test)

Span 1004. Intermediate Spanish. (5 cr. §1014, §1044. Prereq—1003 or entrance proficiency test or R[A])

Span 1014. Business Spanish. (4 cr. §1004, §1044. Prereq—1003 or §[A])
Vocabulary, report writing skills, proper format for business communications, conversational fluency on trade-related topics.

Span 1022. Alternate Second-Semester Spanish. (5 cr. Prereq—Placement above 1001)
For students who have studied Spanish in high school or at a community college, or who are transfer students. Begins with an accelerated review of 1001 followed by material covered in 1002.

Span 1041. Beginning Medical Spanish. (4 cr; A-F only)
Practical Spanish terminology, functional grammar, conversational fluency on medical-related topics.
Span 3044. Intermediate Medical Spanish. (3 cr; A-F only §3004, §3014. Prereq-3003 or equiv)

Span 3015. Spanish Composition and Communication. (4 cr. Prereq-[1004 or 1014 or 1044], LPE high pass) Comprehending written/spoken texts. Speaking, reading, writing beyond intermediate level.


Span 3022. Advanced Business Spanish. (4 cr. Prereq-[1014 or 1004 or 1044 or equiv], LPE in Spanish) Vocabulary of Spanish business terms. Skills in report writing, proper format for business/official communications. Developing conversational fluency on trade-related topics.

Span 3044. Advanced Medical Spanish. (4 cr [max 4 cr], Prereq-[1104 or 1044 or equiv], LPE or #) How to communicate more effectively in linguistic/ cultural terms with Spanish-speaking patients. Students explore more advanced/specific medical vocabulary, communication strategies, and related cultural aspects. Conducting patient interviews and medical history. Using vocabulary/conversation to conduct physical exams. Latin American views on health and health care.

Span 3104W. Analysis and Interpretation of Texts. (3 cr; A-F only. Prereq-LPE high pass, B- or higher in 3015) Various ways of understanding structure of diverse texts, interpreting their meaning.

Span 3105W. Introduction to the Study of Hispanic Civilizations. (3 cr. Prereq-[LPE high pass, B- or higher in 3015] or [A, A]) Cultural issues generated by integration of Americas into emerging world system via Spanish/Portuguese empires.

Span 3107W. Introduction to the Study of Hispanic Linguistics. (3 cr; Prereq-LPE [high pass, B- or higher in 3015] or [A, A]) Phonology, morphology, syntax, semantics, lexicology, grammar, discourse analysis, sociolinguistics, history of Spanish language. Hispanic linguistics as theoretical discipline. Its relationships with social, cultural, literary studies.

Span 3211. Literary Discourses of Imperial Spain, 1492-1800. (3 cr. §3211H. Prereq-3104) Major literary genres of Spain (epic, lyric, narrative, dramatic, novels, essays) from Middle Ages/Golden Age to Enlightenment. Representative works (ballads, picaresque “vidas,” tragedies, mystical, verse, novella) within historical/cultural contexts.

Span 3212. Literary Discourses of Modern and Contemporary Spain (1800-Present). (3 cr; Prereq-3104) Representative works of fiction, drama, poetry, essay, and film of the past two centuries. Intellectual and literary movements from romanticism to postmodernism.

Span 3221. Latin American Colonial Discourses Since 1492. (3 cr. §3221H. Prereq-3104 or 3105) Critical account of conquest, colonization, and resistance in Spanish America.

Span 3222. Discourses of Nation Building and Modernization in Latin America. (3 cr. §3422. Prereq-3104 or 3105) Development of Spanish American modernity, its literary expression since independence from colonial rule. Case studies (e.g., Cuba).

Span 3401. Service Learning in the Chicano/Latino Community. (3 cr. Prereq-3205, LPE, A via application) Students interested in Spanish-speaking community organizations; analyze academic materials dealing with race, class, gender, and current patterns of power in the United States; and relate their findings to their community experience.

Span 3501. Spanish Civilization: Roots of Modern Spain and Latin America. (3 cr; §3411, §3501H. Prereq-3105) Customs, lifestyles, art, and culture from coexistence of Christians, Moors, and Arabs during reconquest to national unification. Discoveries/conquests up to “modern state” and political crises of early 19th century.

Span 3502. Spanish Civilization: Modern Spain. (3 cr. Prereq-3105) Spanish culture from the beginning of the 19th century to the present. Focus on cultural change and its conflicts as represented in Spanish art, literature, and film.

Span 3510. Issues in Hispanic Cultures. (2-3 cr [max 9 cr]; A-F only. Prereq-3105 or [A, A]) Practices that have shaped cultural identity of Spanish-/Portuguese-speaking areas. Folklore, religion, armed conflict, drug traffic, language, citizenship, political movements, commodification of national myths/icons. Topics vary.

Span 3512. Modern Latin American Civilization. (3 cr; A-F only §3412, §3512H) Impact of various forms of modernization on symbolic production in Latin American racial, ethnic, class relations, institutional, and ideological structures.

Span 3601. A Social History of Marginals and Social Offenders. (3 cr) Social history of deviance using a series of first-person narratives by Hispanic authors who lived “marginal” lives and wrote about them. Taught in English.

Span 3612. The Man of La Mancha and Quixotic Discourse. (3 cr) Narrative techniques and points of view in Don Quijote: historical, cultural, and intellectual conditions under which the novel was read and debated. Taught in English.

Span 3653. Contemporary Latino and Latin American Drama Written in English. (3 cr; Prereq-1001 or equiv) Established works and works-in-progress of Latin American playwrights in the United States and historical, political, and cultural developments that make them possible. Lectures, discussion, performances, and verbal material. Taught in English.

Span 3699. Study of Advanced Spanish Language Abroad. (1-3 cr; Prereq- Two yrs college-level Spanish, A) Study of advanced Spanish language in a Spanish-speaking country.


Span 3702. The Structure of Spanish: Morphology and Syntax. (3 cr; Prereq-3107 or #) Derivational and inflectional morphology. Using linguistic concepts such as morpheme, flexional affix, noun phrase, subject, subordination, and coordination to identify the different morphological and syntactic components of Spanish.

Span 3703. Origins and History of Spanish and Portuguese. (3 cr; Prereq-3107 or #) Relationships with other languages, the intermediate stages of evolution not considered. Phonetic, morphological, syntactic, and sociolinguistic aspects of diachronic variation.

Span 3704. Sociolinguistics of the Spanish-Speaking World. (3 cr; Prereq-3107) Social variants of Spanish dialects, Spanish in contact with other languages, bilingualism, language attitudes, pragmatic analysis of Spanish. Impact of recent cultural, political, and socioeconomic transformations on language.


Span 3707. Linguistic Accuracy Through Translation. (3 cr; §5-N only. Prereq-3104 or 3105 or 3107) Various texts in Spanish examined in terms of style/audience/lexicon (popular press, business, academic) as framework for training to communicate with accuracy in various contexts. Students apply lexical/grammatical choices in translating a text.

Span 3730. Topics in Hispanic Linguistics. (3 cr [max 9 cr]; A-F only. Prereq-3107 or [A, A]) Topics specified in Class Schedule.

Span 3800. Film Studies in Spanish. (2-3 cr [max 9 cr]; A-F only. Prereq-3104 or 3105) Films from Spanish-speaking world in their historical, geopolitical, and socioeconomic contexts. Production/consumption, popular/high cultures, and national/trans-national identities within various theoretical backgrounds. Films from various countries analyzed under interdisciplinary framework noting cinematic/rhetorical perspectives.

Span 3910. Topics in Spanish Peninsular Literature. (3 cr [max 9 cr]; A-F only. Prereq-3104 or [A, A]) Focus on a central theme related to important groups of writers, literary movements, trends, critical approaches, and methods. Topics specified in Class Schedule.

Span 3920. Topics in Spanish-American Literature. (3 cr [max 9 cr]; A-F only. Prereq-3104 or §[A]) Central theme related to important groups of writers, literary movements, trends, critical approaches, and methods. Topics specified in Class Schedule.

Span 3940. Figures in Spanish Peninsular Literature. (3 cr [max 9 cr], §3340, §3940H. Prereq-3104 or §[A]) Major writer or group of writers whose work has had an impact on Spanish thought or literature or analysis of social patterns. Figures specified in Class Schedule.

Span 3950. Figures in Spanish American Literature. (3 cr [max 9 cr]; A-F only. Prereq-3104 or §[A]) One major writer or group of writers whose work has had an impact on thought, literature, or social problems. Figures are specified in Class Schedule.

Span 3970. Directed Studies. (1-4 cr [max 9 cr]. Prereq- #, A, A) Guided individual reading or study in Hispanic linguistics, language acquisition, cultural studies, and peninsular, Latin American, and U.S. Latino theatre and literature.

Span 3972V. Honors: Graduation Seminar. (3 cr; A-F only. §3972W, §3974. Prereq-3101 or 3104, §3974) Work on major project about Hispanic linguistics, language acquisition, or cultural studies, or about peninsular or Latin American or U.S. Latino theatre and literature.

Span 3972W. Graduation Seminar. (3 cr; A-F only. §3972W, §3974. Prereq-3101 or §3974) Work on major project about Hispanic linguistics, language acquisition, cultural studies, and peninsular, Latin American, and U.S. Latino theatre and literature.

Span 5012. Advanced Problems in the Spanish Language. (2-3 cr; A-F only) Development of oral proficiency in Spanish. Students interested in Spanish dialects, Spanish in contact with other languages, bilingualism, language attitudes, pragmatic analysis of Spanish. Impact of recent cultural, political, and socioeconomic transformations on language.

For definitions of course numbers, symbols, and abbreviations, see page 300.
Course Descriptions

Span 5106. The Literature of the Reconquest and Feudal Spain. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

The major literary genres developed in Spain from the Reconquest to 1502, with reference to the crucial transformations of the Middle Ages, including the primitive lyric, epic, clerical narrative, storytelling, debates, collections, chronicles, “exempla,” and the Celestina (1499-1502).

Span 5107. The Literature of the Spanish Empire and Its Decline. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Major Renaissance and Baroque works of the Spanish Golden Age (16th- and 17th-century poetry, nonfiction prose, novel, drama) examined against the historical background of internal economic decline, national crisis, and ideological apparatus developed by the modern state.

Span 5108. Don Quixote. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Analysis of Cervantes’ Don Quixote in its sociohistorical context; focus on the novel’s reception from the romantic period to postmodern times.

Span 5109. The Crisis of the Old Regime: Spanish Literature of the Enlightenment and Romanticism. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Major literary works and intellectual movements and conflicts represented in written culture, of the 18th and early 19th centuries (1860-1845), examined as expressions of the long crisis of Spain’s Old Regime and the rise of bourgeois liberalism.

Span 5110. Discursive Formations at the Threshold of 20th-Century Spain. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Theory and representative examples of the realist/naturalist novel (Galdós, Pardo Bazán) in the context of its antecedents (“costumbriismo”), opposites (the idealist/romantic novel), and turn-of-the-century innovations of modernism and the “generation of 1898.”

Span 5111. Contemporary Spanish Literature Since 1915. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Major literary works and movements in Spain from 1915 to 2000. Neomodernism; surrealism; social realism; literatures of dictatorship and exile; postmodernism. Poetry, novel, drama, essays, film, video/TV; problems of literary history.

Span 5221. Spanish Drama in Performance: 17th-Century Comedia. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Major dramatists of the Spanish comedy (e.g., Cervantes, Lope, Tirso, Calderón). Traditional genres such as tragedy, farce, interludes or auto sacramentales and problems of honor, blood purity, free will, city vs. country, and poetic justice examined against the background of cultural and social history.

Span 5224. Feminism and Literature in Spain. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Spanish feminist thought and practice; literature, cultural discourse, literary and critical theory.

Span 5272. Hispanic Modernism. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Critique of artistic and literary production in Hispanic cultures from mid-19th century to present. Modernity and modernization in Hispanic world. “Generation of 1898.” Castilian, Catalan, and Latin American practices along interdisciplinary and comparative lines.

Span 5316. Spanish Picarosque Narratives. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)


Span 5525. Caribbean Literature: An Integral Approach. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Literature of Spanish-speaking Caribbean. Emphasizes historical legacy of slavery, African culture, and independence struggles.

Span 5526. Creole Consciousness and Mercantilist Culture. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Discourse production in Spanish America between 1492 and 1700. Conquest and colonial writing and counterwriting; historical origin and evolution of the cultural, political, and socioeconomic factors.

Span 5527. National Literary Consciousness and Free Trade. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Literary movements as part of the process of forming nation-states in Spanish America.

Span 5528. Popular Literary Consciousness: 1900-1950. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Literary trends of the contemporary period (1950 to present) as a reaction to internal social demands for development of independent national cultures and in response to international cultural pressures.

Span 5531. Hispanic Literature of the United States. (3 cr. Prereq–Three 300x or 500x Spanish or Portuguese literature courses or #)

Interdisciplinary approach providing a framework for deconstructing issues of national identity, marginalization, and gender. U.S. Spanish theatre/literature and its ethnic diversity, regional variations, cultural links, and scope of its genres.

Span 5532. Literature and National Disintegration. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Fundamental reaction to contemporary structural changes in world economic system (1970 to present). Effects on revolution and organization and the structuring of experience; texts related to literary institutions. Texts related to revolutionary trends and social movements (feminism, theology of liberation, defense of human rights).

Span 5536. Feminism and Literature in Latin America. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese or #)

Latin American feminism in thought and practice; literature, cultural discourse, literary theory.

Span 5701. History of Ibero-Romance. (3 cr. Prereq–Three 300x or 500x Spanish linguistics courses or #)

Origins and developments of Ibero-Romance languages; evolution of Spanish, Portuguese, and Catalan.

Span 5711. The Structure of Modern Spanish: Phonology. (3 cr. Prereq–Three 300x or 500x Spanish linguistics courses in Spanish or Portuguese)

Formulating and evaluating a phonological description of Spanish. Approaches to problems in Spanish phonology within metrical, autosegmental, and lexical phonological theories.

Span 5712. The Structure of Modern Spanish: Morphology. (3 cr. Prereq–Three 300x or 500x Spanish linguistics courses or #)

Evaluating morphological theories and descriptions of Spanish. Examining of phonological and syntactic effects on morphology.

Span 5713. The Structure of Modern Spanish: Syntax. (3 cr. Prereq–Three 300x or 500x Spanish linguistics courses or #)

Study and analysis of the principal constructions found in the syntax of Spanish.

Span 5714. Theoretical Foundations of Spanish Syntax. (3 cr. Prereq–Three 500x or 300x courses)

Linguistic types/processes that appear across languages. Grammatical relations, word order, transitivity, subordination, information structure, grammaticalization. How these are present in syntax of Spanish.

Span 5715. The Structure of Modern Spanish: Semantics. (3 cr. Prereq–Three 500x or 300x courses)

Applying semantic theory to Spanish; conceptual organization and the structuring of experience; meaning and cultural values; semantic fields; categorization and prototypes; cognitive model theory; metaphor, metonymy, and mental imagery as source and change of meaning.

Span 5716. The Structure of Modern Spanish: Pragmatics. (3 cr. Prereq–Three 500x or 300x courses)

Concepts used in current literature in Spanish pragmatics, such as deixis, presupposition, conversational implicature, speech act theory, and conversational structure.

Span 5721. Spanish Laboratory Phonology. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese or #)

Core literature on Spanish laboratory phonology. Phonology from a laboratory perspective. Students evaluate laboratory research methodologies, perform basic acoustic analyses, and design laboratory phonology studies.

Span 5731. Spanish Dialectology: Regional and Social Dialects of Modern Spain. (3 cr. Prereq–Three 500x or 300x literature courses or #)

Major dialect areas of Spain, with distinguishing phonological, morphological, lexical, and syntactic variations of each. Impact of recent cultural, political, and socioeconomic transformations on language.

Span 5732. Spanish Dialectology: Regional and Social Dialects of Modern Spanish America. (3 cr. Prereq–Three 500x or 300x literature courses or #)

Major dialect areas of Spanish America, with distinguishing phonological, morphological, lexical, and syntactic variations of each. Their historical origin and evolution and the impact of cultural, political, and socioeconomic transformations on the language.

Span 5800. Spain’s Image and the Hispanic Culture (Towards the XXI Century). (0.1 cr; A-F only)


Span 5910. Topics in Spanish Peninsular Literature. (3 cr. Prereq–Three 300x or 500x literature courses in Spanish or Portuguese)

Problems in Spanish cultural history and their applicability to studies of artistic movements, ideological trends, formal methods, or literary genres. Topics specified in Class Schedule.

Span 5920. Topics in Spanish-American Literature. (3 cr. Prereq–Three 300x or 500x literature courses or #)

Problems in Hispanic linguistics; a variety of approaches and methods.
Spanish/Portuguese

Department of Spanish and Portuguese Studies

Spanish-Portuguese (SpPt)

Course Descriptions

Prereq–MA or PhD candidate, #,

Students must submit reading plans for particular topics, figures, periods, or issues. Readings in Spanish and/or Spanish-American subjects.

Spanish 5985. Sociolinguistic Perspectives on Spanish in the United States. (3 cr. Prereq–Threel 300x or 3x00x linguistics courses in Spanish or #)

Sociolinguistic analysis of issues such as language maintenance/shift in U.S. Latino communities, code switching, attitudes of Spanish speakers toward varieties of Spanish and English, language change in bilingual communities, and language policy issues.


Span 5991. The Acquisition of Spanish as a First and Second Language. (3 cr. Prereq–Three 300x or 3x00x linguistics courses in Spanish or #)

Analysis of issues such as the acquisition of Spanish and English by bilingual children; Spanish in immersion classrooms; and the role of culture in children’s language development. Prereq–Grad or #.

Spanish-Portuguese (SpPt)

Department of Spanish and Portuguese Studies

Course Descriptions

College of Liberal Arts

SpPt 5930. Selected Topics in Hispanic and Lusophone Cultural Discourse. (3 cr [max 3 cr], A-F only. Prereq–Reading knowledge of [Span, Port])

Cultural discourses in Spanish- and Portuguese-speaking areas. Historical intersections/divergences. Taught in Spanish or Portuguese, and in English when course-listed. Topics specified in Class Schedule.

SpPt 5999. The Teaching of College-Level Spanish: Theory and Practice. (3 cr. Prereq–Grad or #)

Theoretical grounding in the general principles of second language acquisition and guidance with their practical applications to the teaching of first- and second-year Spanish at the college-level.

Speech-Language-Hearing Sciences (SLHS)

Department of Speech-Language-Hearing Sciences

College of Liberal Arts

SLHS 1301V. The Physics and Biology of Spoken Language. (4 cr)

Physics/biology of spoken language, from talker’s production of sounds/words, to transmission of sound, to listener’s perception of what was said. Lecture, lab, investigation, dissection, theory, clinical practice.

SLHS 1301W. The Physics and Biology of Spoken Language. (4 cr)

Physics and biology of spoken language, from the talker’s production of sounds and words, to the transmission of sound, to the listener’s perception of what was said. Computer analysis and synthesis of speech.

SLHS 1302. Rate Your World: Quantifying Judgments of Human Behavior. (3 cr)

Basic quantitative methods as they apply to measuring human behavior. Mathematical principles applied to measuring behaviors such as rating personality/attention, evaluating infant speech perception, studying opinion polls, measuring voice/sound, quantifying speech recognition through cochlear implants. Lecture, hands-on activities.

SLHS 1401. Communication Differences and Disorders. (4 cr §3401)

Disorders of spoken communication, their functional effect on quality of life for individuals with communication disorders. Intervention techniques for specific disorders of speech, language/hearing in context of social, cultural, linguistic diversity.

SLHS 1402. The Talking Brain. (3 cr)


SLHS 1902. Freshman Seminar. (3 cr, A-F only)

Topics vary. See class schedule.

SLHS 3301. Introduction to Acoustics. (3 cr)

Elements of acoustic theory necessary to understand quantitative aspects of speech and hearing science, speech-language pathology, and audiology. Nature of sound, sound transmission, simple harmonic motion, sound intensity and pressure, complex waves, resonance and filtering, and distortion.

SLHS 3302. Anatomy and Physiology of the Speech and Hearing Mechanisms. (3 cr)

Gross anatomy and basic physiology of the nervous, auditory, respiratory, laryngeal, velopharyngeal, and orofacial structures with emphasis on normal communication processes.

SLHS 3303. Language Acquisition and Science. (3 cr)

Survey of typical language development, major theoretical perspectives about development. Applications of current theory to analysis of children’s language.

SLHS 3304. Phonetics. (3 cr §5304)


SLHS 3305W. Speech Science. (4 cr. Prereq–3301, 3302, 3304 or #)

A survey of theories, methods, and research in the discipline of speech science, including speech acoustics, speech perception, and speech production.

SLHS 3306. Hearing Science. (3 cr. Prereq–3301, 3302 or #)

Theories, methods, and research in psychological and physiological acoustics with emphasis on the relationship between physiological measures and perception. Topics include cochlear mechanics, auditory nerve firing patterns, scaling, and object perception.

SLHS 3401. Communication Differences and Disorders. (4 cr §1401)

Disorders of spoken communication, their functional effect on quality of life for individuals with communication disorders. Intervention techniques for specific disorders of speech/language/hearing in context of social, cultural, linguistic diversity.

SLHS 3402W. Major Project in Speech and Hearing Science. (3 cr; 5-8 cr only. Prereq–CR or SR CDs major)

Seminar for completion of the undergraduate major project paper by students in their junior or senior years.

SLHS 3555H. Honors Thesis. (1-2 cr; A-F only. Prereq–See DUS for [thesis adviser, forms])

Research/writing under direction of faculty member. Details of work are determined in consultation with faculty thesis adviser selected based on availability/topic.

SLHS 4301. Introduction to the Neuroscience of Human Communication. (3 cr)

Basic neuroanatomy and neurophysiology, especially as they relate to normal speech, language, and hearing processes.

SLHS 4501. Speech Disorders. (3 cr. Prereq–3302 or #)

Current concepts of the nature/treatment of disorders related to voice, resonance, fluency, and swallowing. Disorders associated with dysarthria, cleft palate, laryngecctomy, stuttering, voice quality, and dysphagia.

SLHS 4502. Atypical Speech and Language. (3 cr)

Language conveyed through speech. Normal variation in speech/language that guides understanding of individual differences among speakers will be studied. Breakdowns in speech/language across life span in context of cultural/linguistic diversity.

SLHS 4602. Communication and Problem Behavior. (3 cr)

Social/environmental variables on children’s propensity for problem behavior. Review of communication strategies that have been successfully validated as a component in reducing problem behavior.

SLHS 4801. Hearing Measurement and Disorders. (3 cr. Prereq–3301, 3302 or #)

Introduction to theory, administration, and interpretation of behavioral/physiological hearing tests for all age groups. Inimmittance, pure tone, speech, otoacoustic emissions, evoked potential measures. Emphasizes hearing-screening protocols.

SLHS 4802. Rehabilitative Audiology. (3 cr. Prereq–3305, 4801 or #)

Survey of sensory aids and methods used in rehabilitation across the life span after the diagnosis of hearing loss. Discussion of degree of hearing loss, developmental level, communication modalities, client/family choice, disability, and cultural considerations.

SLHS 4803. Hearing Loss in Children: Rehabilitation. (3 cr. Prereq–1301 or #)

Oral language, listening, and speech production skills in infants and children with hearing losses. The normal developmental processes of speech perception and production, specific methodologies of auditory and speech production training, oral language intervention, and discussion of existing curricula.

SLHS 5304. Phonetics. (3 cr §5304)


SLHS 5401. Counseling and Professional Issues. (3 cr. Prereq–4501 or 4601 or 4801 or #)


SLHS 5402. Assessment and Treatment in Speech-Language Pathology. (3 cr; A-F only, Prereq–[4601 or equiv], grad student) or #

Introduction to clinical methods/issues in communication disorders. Professional/legal mandates, collection/analysis of clinical data, principles/models of intervention with adults/children, clinical reporting.

SLHS 5501. Fluency and Phonological Disorders. (3 cr. Prereq–4501 or #)

Description, nature, and treatment of fluency disorders in children/adults. Involvement in therapeutic/research activities.

SLHS 5502. Voice and Cleft Palate. (3 cr. Prereq–3305, 4301 or #)


SLHS 5503. Dysphagia and Motor Speech Disorders. (3 cr. Prereq–3305, 4301 or #)

Course Descriptions

SLHS 5603. Language and Cognitive Disorders in Children. (3 cr. Prereq—[3303, grad student] or #) Language and cognitive assessment; teaching procedures used with children/adolescents. Procedures apply to children who face language disabilities such as developmental delays, autism, learning disabilities.

SLHS 5605. Language and Cognitive Disorders in Adults. (3 cr. Prereq—3302, 4301, 4601 or #) Neurotypology, language, and cognitive disorders in adults, including aphasia, right-hemisphere syndrome, traumatic brain injury, and dementia. Consideration of neurologic substrates, assessment and diagnosis, and clinical intervention.

SLHS 5606. Introduction to Augmentative and Alternative Communication. (2-3 cr. Prereq—4601 or #) Description of the range of augmentative and alternative communication applications for persons with developmental and acquired disabilities.

SLHS 5801. Audiolodic Assessment I. (3 cr. Prereq—4801 or #) Basic audiometric battery including pure tones, speech, masking, and immittance in adults; industrial audiology and ototoxic emissions.


SLHS 5803. Hearing Loss in Children: Diagnosis. (3 cr. Prereq—4801 or #) Behavioral, physiological approaches to assessment and identification, development of the auditory mechanism, etiologies of hearing losses in infants, children, selection of sensory aids, principles of case management with children and families.

SLHS 5804. Cochlear Implants. (3 cr; A-F only. Prereq—4802, 5801, 5802) or [CDis 4802, CDIs 5801, CDIs 5802] or #) Implantation history, device development, including cochlear implants and auditory brainstem implants. Signal processing. Techniques for selection, fitting, and rehabilitation.


SLHS 5808. Hearing Disorders. (3 cr; A-F only. Prereq—8801, 8802) Disorders of auditory system, including anatomical, physiological, perceptual, and audiological manifestations of pathologies affecting hearing.

SLHS 5810. Laboratory Module in Audiology. (1-2 cr [max 5 cr]. Prereq—4801 or #) Intensive study of clinical methods in audiology. Supplements didactic courses in audiology curriculum. Laboratory study, individually or in small groups.

SLHS 5820. Clinical Research and Practice: Grand Rounds. (1-6 cr [max 6 cr]. S-N only. Prereq—4801 or equiv or #) Students participate in group discussions of current professional issues in audiology. Case presentations, guest presentations on current technology, clinical/ research ethics. Group meet for an hour weekly with faculty coordinator who leads discussion. Integrates academic/clincial education.

SLHS 5900. Topics: Communication Disorders. (1-3 cr) Topics listed in communication disorders office.

SLHS 5993. Directed Study. (1-12 cr [max 18 cr. Prereq.#) Directed readings and preparation of reports on selected topics.

Sport Studies (SpSt)

School of Kinesiology

College of Education and Human Development

SPSt 1701. Introduction to Sport Studies. (2 cr; A-F only) Scope/motive of the study of sport from a sociological, psychological, historical, economic, and scientific perspective. Issues in sport.

SPSt 3111. Sports Facilities. (2 cr; A-F only. Prereq—SpSt majors only) A general identification of sports facilities including the special features that make them unique. Emphasis on understanding the role and purpose of planning for such facilities.

SPSt 3112. Applied Sport Science. (2 cr; A-F only. Prereq—SpSt majors only) Introduction to the historical discovery, transitional development, and current application of basic scientific principles and technology to the improvement of sport performance.

SPSt 3143. Organization and Management of Sport. (3 cr; A-F only—Prereq—SpSt majors only) Principles, policies, and procedures involved in the administration and management of sports programs at the intercollegiate and intercollegiate levels.

SPSt 3421. The Business of Sport. (2 cr; A-F only. Prereq—SpSt majors only) Overview of the economic and business aspects of professional, collegiate, school-based and amateur sport; financing issues and methods; economic impact of sport on communities, regions, and states; the sport and leisure market.

SPSt 3501. Sport in a Diverse Society. (3 cr; A-F only. Prereq—SpSt) Relationship between sport and contemporary social institutions (polities, religion, economics, education, mass media). Emphasizes groups/individuals who have historically been marginalized or excluded from sport participation. Variables such as race, sex, social class, sexual orientation, physical (dis)abilities also emphasized.

SPSt 3601. Ethics and Values in Sport. (2 cr; A-F only. Prereq—SpSt majors only. 3301 recommended) The study of violence, demonstrative behavior, sportsmanship, and other ethical issues involved in the playing of sport, and in the management and governance of the sport industry.

SPSt 3611. Sport Psychology. (2 cr; A-F only. Prereq—SpSt majors only) Introduction to sport psychology. Examines people and their behavior in sport contexts.

SPSt 3621. Applied Sport Psychology. (2 cr; A-F only. Prereq—SpSt majors only) Understanding psychological theories and techniques as they apply to sport performance and the personal growth of sport participants.

SPSt 3631. Sport Promotion and Programming. (2 cr; A-F only. Prereq—SpSt majors only) Scheduling and management of sports events; different program formats; publicity and promotion of sport; the sport product; pricing issues.

SPSt 3641. Training and Conditioning for Sport. (2 cr; A-F only. Prereq—[Kin or SpSt] major) Overview of history, development, current philosophies of physical training methods used in sport. Theory, scientific basis for training methods, methods for evaluation/prescription.

SPSt 3861. Legal Aspects of Sport. (2 cr; A-F only. Prereq—SpSt majors only) Survey of legal issues in sport, including governance, contracts, civil rights, civil liberties, torts, due process, and employment and work-related legalities.

SPSt 3881W. Senior Seminar in Sport Studies. (3 cr; A-F only. Prereq—SpSt major. completion of major coursework, #) Presentations/discussions on sport-related topics of interest.

SPSt 3996. Practicum: The Sport Experience. (1-10 cr [max 10 cr]. S-N only. Prereq—3881. SpSt major, #) Practical experience in one or more sport settings.

Statistics (Stat)

School of Statistics

College of Liberal Arts

Stat 1001. Introduction to the Ideas of Statistics. (4 cr. Prereq—High school algebra) Controlled vs. observational studies; presentation and description of data; chance variation; correlation and causality; confidence intervals; statistical tests.


Stat 3022. Data Analysis. (4 cr. Prereq—3011 or 3021) Practical survey of applied statistical inference and computing covering widely used statistical tools: multiple regression, variance analysis, experiment design, nonparametric methods, model checking and selection, variable transformation, categorical data analysis, logistic regression.


Stat 4893W. Senior Paper. (1 cr. Prereq—Stat major) Either 1 paper on specialized area or 2 consulting project or 3 original computer program. Directed study.

Stat 4931. Topics in Statistics. (3 cr) Topics vary according to student needs and available staff.

Stat 4932. Topics in Statistics. (3 cr. Prereq—#) Topics vary according to student needs and available staff.

Stat 5021. Statistical Analysis. (4 cr. §3011. Prereq—College algebra or #. Stat course recommended) Intensive introduction to statistical methods for graduate students needing statistics as a research technique.
Swed 3011. Advanced Swedish. (3 cr. Prereq- 1004 or 4004)
Designed to help students achieve advanced proficiency in Swedish. Discussion of fiction, film, journalistic, and professional prose is complemented by grammar and vocabulary building exercises and a systematic review of oral and written modes of communication.

Swed 3012. Advanced Swedish. (3 cr. Prereq- 1004 or 4004)
Discussion of novels, short stories, plays, articles. Structural, stylistic, vocabulary-building exercises.

Swed 4001. Beginning Swedish. (2 cr. §1001. Prereq- 1001 in another language or passing score on LPE or grade) Course meets concurrently with Swed 1001; see Swed 1001 for description. This option is designed for students who have satisfied the CLA language requirement in another language or are graduate students or are otherwise exempt.

Swed 4002. Beginning Swedish. (2 cr. §1002. Prereq- 1004 in another language or passing score on LPE or grade) Course meets concurrently with Swed 1002; see Swed 1002 for description. This option is designed for students who have satisfied the CLA language requirement in another language or are graduate students or are otherwise exempt.

Swed 4003. Intermediate Swedish. (2 cr. §1003. Prereq- 1004 in another language or passing score on LPE or grade) Course meets concurrently with Swed 1003; see Swed 1003 for description. This option is designed for students who have satisfied the CLA language requirement in another language or are graduate students or are otherwise exempt.

Swed 4004. Intermediate Swedish. (2 cr. §1004. Prereq- 1004 in another language or passing score on LPE or grade) Course meets concurrently with Swed 1004; see Swed 1004 for description. This option is designed for students who have satisfied the CLA language requirement in another language or are graduate students or are otherwise exempt.

Teaching English as a Second Language (TESL)

Institute of Linguistics, ESL, and Slavic Languages and Literatures

College of Liberal Arts

TESL 1904. Freshman Seminar. (3 cr; A-F only) Topics vary. See Class Schedule.

TESL 1905. Freshman Seminar. (3 cr; A-F only) Topics specified in Class Schedule.

TESL 3001. Basics in Teaching English as a Second Language. (4 cr. §CSCL 1201 or §CSCL 1202) Students who have satisfied the CLA language requirement in another language or are graduate students or are otherwise exempt.

Basic orientation to current theories/methods of English as a second language (ESL) instruction. Emphasizes methodologies for teaching/assessing listening, speaking, pronunciation, reading, writing skills. Contexts of teaching English to adults in the United States and abroad. Internship at school or agency teaching ESL.

TESL 3501. Practical Language Learning for International Communication. (3 cr)
Getting a handle on language learning. Having a sense of one’s learning/language strategy preferences. Motivation to learn languages in general and a given language in particular. Motivation to do specific language tasks.

TESL 5101. Academic Writing in TESOL. (1 cr; S-N only. Prereq- §5721, grad ESL student or #) Research writing conventions in the profession. University rules on ethical use of human subjects, research paper rhetorical structure, literature sources/searches, literature review coherence, hedging markers, basic research methods, research result reporting, APA-formatted bibliographies, writing strategies.
TESL 5401. Language Analysis for Teachers of English as a Second Language. (4 cr. Prereq—Ling 3001 or Ling 5001) Overview of the structure of the English language geared to the needs of teachers of English to speakers of other languages. Study the structures of English from the point of view of second-language speakers as well as native speakers. Phonetics, phonology, morphology, and some aspects of the syntax of the English language. Part of a two-course sequence.

TESL 5402. Language Analysis for Teachers of English as a Second Language. (4 cr. Prereq—5401, Ling 5001) Overview of the structure of the English language geared to the needs of teachers of English to speakers of other languages. Study the structures of English from the point of view of second-language speakers as well as native speakers. More complex structures of English syntax, as well as English semantics, pragmatics, and discourse structures. Second in a two-course sequence.

TESL 5610. Research Methods in Applied Language Study. (3 cr [max 12 cr]. Prereq—Ling 5505 or #) Key issues in second language acquisition/learning research. Focuses on learning a second or foreign language in the classroom.

TESL 5721. Methods in Teaching English as a Second Language. (3 cr. Prereq—Ling 3001 or 5001 or #) Introduction to methods for teaching English as a second language.

TESL 5722. Practicum in Teaching English as a Second Language. (6 cr [max 12 cr]; S-N only. Prereq—[5401 or §4011 or §4012 or §5401 or §5402 or §5403] or §5721 or ESL major or ESL minor) or # Observation of, and practice in, teaching English as a second language to adults at college or university level.

TESL 5723. Materials for Teaching English as a Second Language. (3 cr. Prereq—5721, 5722 or #) Evaluation and preparation of teaching materials for English as a second language.

TESL 5724. Introduction to Language Assessment. (3 cr. A-F only) How to engage in meaningful, appropriate, and fair second-language assessment practices; interpret test results; and construct new forms of assessment.

TESL 5900. Topics in Second Language Learning and Teaching. (1-4 cr. [max 16 cr]) Topics vary. See Class Schedule.

TESL 5910. Seminar in Teaching English as a Second Language. (3 cr [max 9 cr]) Topics related to English as a second language and applied linguistics. Topics specified in Class Schedule.

TESL 5993. Directed Studies. (1-4 cr [max 9 cr]. Prereq—English) Directed study for teaching English as a second language.


Th 1112. Drama and the Media—Condensed Version. (3 cr) Drama/cultural values implicit in media. Study of primary texts (biography, history, the novel, plays), video clips, and complete films. How film medium shapes cultural identity.

Th 1405H. Theatre: Spaces and Practices. (2 cr. Prereq—1101 or §1101, honors) Various theatre subjects developed by pool of instructors.

Th 1904. Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq—Fr or max 36 cr) Topics specified in Class Schedule.

Th 1905. Freshman Seminar. (3 cr [max 6 cr]; A-F only) Topics specified in Class Schedule.

Th 1909W. Topics: Freshman Seminar. (3 cr; A-F only. Prereq—Fr or max 36 cr) Topics specified in Class Schedule.

Th 1910W. Topics: Freshman Seminar. (3 cr; A-F only. Prereq—Fr with no more than 24 cr) Topics specified in Class Schedule.

Th 1911W. Freshman Seminar: Theatre, Entertainment With Attitude. (3 cr; A-F only. Prereq—Fr or max 24 cr) Richness/diversity of live theatre as performance/text. Developing critical language/eye with which to think about live performance. Students attend performances at Twin Cities theatres. In-class discussions, talks with theatre/dance professionals.

Th 2391. BFA Acting III. (3 cr; A-F only. Prereq—BFA student in theatre arts) Applying concepts of first year of training to an ensemble performance process. Beginning of Shakespeare foundation unit.

Th 2392. BFA Voice and Speech III. (2 cr; A-F only. Prereq—BFA student in theatre arts) Continuing to build a strong, healthy voice. Mastering written phonetics, sounds of good American speech for stage. Students begin to explore speaking of heightened verse, particularly Shakespearean text.

Th 2393. BFA Movement III. (2 cr; A-F only. Prereq—BFA student in theatre arts) Deepens/finishes foundation laid in BFA Movement I/II.

Th 2395. BFA Acting IV. (3 cr; A-F only. Prereq—BFA-Acting sophomore) Application of process towards performance. Emphasizes Shakespeare.

Th 2396. BFA Voice and Speech IV. (2 cr; A-F only. Prereq—BFA-acting, soph) Continuing to build a strong, healthy voice. Mastering written phonetics and the sounds of good American speech for the stage. Students begin basic dialect acquisition work for the stage. Emphasizes English/English dialects.

Th 2397. BFA Movement IV. (2 cr A-F only. Prereq—BFA-acting) May include sections such as jazz dance, partner dances, and movement for actors.

Th 3100. Theatre Practicum. (1 cr [max 4 cr]; S-N only. Prereq—1101; only two registrations as actor may count toward major) Participation in University Theatre Main stage play as actor, construction/running crew personnel, or theatre management operations personnel.

Th 3115. Introduction to Playwriting. (3 cr. Prereq—#) Study of traditional play structure, characterization, dialogue, dramatic action, and theme. Final project is a one-act play.


Th 3171. History of the Theatre: Ancient Greece Through Neo-Classicism. (3 cr. Prereq—Th major or #) History of Western theatre and drama; theatrical practices, staging conventions, and dramatic structure of plays. Ancient to mid-18th century.
Prereq–[1361 or 1362 or DNCE 1362], #) Experiencing a foreign theater culture/history.

Thu 3392. BFA Voice and Speech V. Applying process of interpreting dramatic material to plays of that culture.

Experiencing a foreign theater culture/history. Applying voice training to dramatic material of that culture.

Thu 3399. BFA Rehearsal and Performance II. Continuing the application of process towards performance.

Thu 3503. Design and Technical Production I: BFA. (3 cr. Prereq–BFA theatre arts student) Theory, process, and execution of design/technology from script to production on stage. Scenery/properties.

Thu 3505. Design and Technical Production II: BFA. (3 cr. Prereq–3515. BFA theatre arts student) Theory, process, and execution of design/technology from script to production on stage. Costumes/lighting.

Thu 3513. Design and Technical Production I. (4 cr. Prereq–1101; BFA registration permitted.) Theory, process, and execution of design/technology from script to production on stage. Scenery/properties.


Thu 3590. Topics in Theatre. (1-4 cr; max 8 cr. Prereq–By topic) Topics specified in the Class Schedule.

Thu 3993. Directed Study. (1-4 cr; max 12 cr. Prereq–6 Th cr, #, A, Q) Guided individual reading or study.

Thu 4131. Shakespeare: Comedies, Romances, and Problem Plays. (3 cr. Prereq–1101 or #) Shakespeare’s plays as live theatre, both for the stage and in various media. Work of actors, directors, and designers in Shakespearean plays.

Thu 4132. Shakespeare: Histories and Tragedies. (3 cr. Prereq–1101 or #) Shakespeare’s plays as live theatre, both for the stage and in various media. Work of actors, directors, and designers in Shakespearean plays.

Thu 4177W. Survey of Dramatic Literature I: Strategic Interpretation. (3 cr. Prereq–[3171, 3172], [jr or sr] or #) Basic principles of script analysis as applied to stage practice from traditional/postmodern approaches. Students read plays, critical perspectives, Discussion, critical writing, performance.

Thu 4178W. Survey of Dramatic Literature II: Representation and Its Effects. (3 cr. Prereq–[3171, 3172], [jr or sr] or #) In-depth look at how plays actively participate in production of social values and of society itself. Emphasizes consequences of choices theatre artists make.

Thu 4321. Career Preparation for the Actor. (3 cr. Prereq–3322) Information/techniques necessary for professional acting career.


Thu 4380. Creative Collaboration. (2 cr [max 4 cr. Prereq– [3321 or 3331 or 3381, audition/interview, #] Focuses on ensemble creation of a single theatre performance work. Creative/dramaturgical work. Students work collaboratively with faculty or affiliate guest artists.

Thu 4391L. BFA Workshop II. (2 cr; A-F only. Prereq–BFA student in theatre arts) Applying first three years of training toward performance. Seventh in sequence of eight. Acting, voice and movement. Integrating the disciplines.

Thu 4392. BFA Acting VIII. (7 cr; A-F only. Prereq–4391) Application of first three years of training toward performance. Career preparation. Eighth in sequence of eight.


Thu 4394. BFA Rehearsal and Performance IV. (2 cr; A-F only. Prereq–BFA-acting sr) Incorporating the disciplines of acting/voice/movement.

Thu 4398. BFA Rehearsal and Performance V. (2 cr; A-F only. Prereq–BFA-acting sr) Acting, voice and movement. Continuing the application of process toward performance.

Thu 4399. BFA Rehearsal and Performance VI. (2 cr; A-F only. Prereq–BFA-acting sr) Acting, voice and movement. Continuing the application of process toward performance.

Thu 4532. Makeup for the Actor. (2 cr) Topics vary. May include functions/aesthetics of stage makeup, application techniques, prosthetics, and facial hair.

Thu 4550. Video Technology. (3 cr) Lighting, camera operation, audio, and recording for video/film production, using the state-of-the-art equipment in Studio B. Hands-on training in tools of video technology. Students create a final group project.

Thu 4553. Advanced Video Technology. (3 cr. Prereq–[4550, 4555] or #) Video production techniques. Lighting, camera operation, control room equipment/operation. Chroma and other types of keying. Hands-on training with equipment, techniques necessary for video production. Students are involved with every aspect behind camera and explore within their own projects.


Thu 4556. Digital Audio and MIDI For Performance. (3 cr) Hands-on computer/CPU-generated audio technology. Use of MIDI language protocol for performance in all aspects of the arts.

Thu 4557. Audio for Film and Video. (3 cr. Prereq–[4550, 4555] or #) Processes/techniques used in capturing, manipulating, and producing audio for use in film/television production. Students experiment and create audio. Challenges in creating audio for various mediums.

Thu 4560. Pre-Production and Planning for Video and Film. (3 cr. Prereq–#) Forum for pre-planning video projects. Students undertake pre-production planning for a specific video project, including script development, scheduling, location scouting, casting, fund-raising, equipment lists/rentals, and permits.

Course Descriptions

Th 4901. Senior Seminar. (2 cr; S-N only. Prereq–Sr, [Th or Dnce major]; offered fall semester only) Development of senior project, alone or in groups, under guidance of faculty members.

Th 4905H. Honors Course: Tutorial Seminar in Theatre Arts. (2-4 cr [max 4 cr]; §4905. Prereq–Honors, theatre arts. Δ limit [2 cr for [cum laude or magna cum laude], 4 cr for summa cum laude]) Independent reading/research in preparing honors thesis or selected creative project.

Th 5100. Theatre Practicum. (1-4 cr [max 20 cr]. Prereq–[r or sr or grad student]) Writing, reading, research, presentations and workshops for in-class performance. Theories of social formation and ideology provide framework to discuss/analyze theater’s potential for social change.


Th 5172. History of the Theatre II. (3 cr) Theatre as a mirror of society. Aesthetics, philosophy, and practices of theatre arts. Mid-18th century to the present.

Th 5178. History and Theory of Performance Conventions. (3 cr; A-F only. Prereq–[1322, [3171 or 3172] or grad student) Draws on visual materials, practical exercises, and theories of spatial representation in context of political/social function. Historical/cross-cultural overview of performance conventions and theatrical space from City of Dionysia to site-specific happenings of 20th century.

Th 5179. Text and Performance. (3 cr; A-F only. Prereq–[1322, [3171 or 3172] or grad student) How to read texts toward performance in various dramatic/non-dramatic material. Method of unlocking metaphor oftexture of texts. Vocabulary/techniques of analysis that transform text from page to stage.

Th 5181. Blacks in American Theatre. (3 cr) Historical survey of significant events in the development of American Black theatrical tradition; essays, plays, playwrights, and theatres from early colonial references to Black Arts Movement.

Th 5182. Contemporary Black Theatre: 1960-Present. (3 cr) Essays, plays, playwrights, and theatres that have contributed to contemporary Black theatre. From the beginning of the Black Arts Movement to the present.


Th 5500. Theatre Design Practicum. (1-3 cr [max 20 cr]. Prereq–3515. A. or grad student) Individual projects in production of approved plays as a designer of scenery/properties, costumes, lighting, or sound. (See §510 for other creative practicums.)

Th 5510. Drawing, Rendering, and Painting for the Theatre Designer I. (3 cr. Prereq–3515 or grad or #) Development of skills necessary for presentation of theatre scene/costume designs. Materials, layout, and techniques in scene painting. Basic drawing/graphic skills.

Th 5515. Design Composition and Collaboration. (3 cr. Prereq–Grad or 3515, 3711; #) Classical composition of art and its application to stage design and directing through the collaborative process.

Th 5520. Scene Design. (3 cr [max 9 cr]. Prereq–3515 or grad or #) Conceiving/designing and collaboration in design ideas in both two-dimensional and three-dimensional models for theatre and allied venues. Drafting.

Th 5530. Costume Design. (3 cr [max 9 cr]. Prereq–3515 or grad or #) Theory and process of costume design for theatrical productions (e.g., dance, opera, film) through theoretical and practical approaches.

Th 5540. Lighting Design for the Theatre. (3 cr [max 9 cr]. Prereq–3515 or grad or #) Design aesthetics and exploration of design for various stage forms and venues. Development of the lighting plot and paperwork; use of the computer in lighting design.

Th 5545. Stage Lighting Technology. (3 cr; Prereq–3515 or grad or #) The lighting technician’s skills and crafts: equipment, techniques, control operation, wiring, and maintenance.

Th 5550. Video Project. (3 cr [max 6 cr]. Prereq–4550 or 4560 [preferred]. A. or grad student) Participate in a video–shoot project serving in various positions, including camera operator, gaffer, grip, audio engineer, cast, and possibly director and director of photography.

Th 5551. Editing and Post Production for Video and Film. (3 cr. Prereq–#) Students manipulate software and other technologies used in post production. Editing, audio, image manipulation.

Th 5552. Video Production Design and Aesthetics. (3 cr; Prereq–4553 or #) Use of technologies in video/film in making a statement or communicating an idea/emotion. Creativity, sensitivity to an audience. Students explore different creative uses of technologies/medium.

Th 5554. Multimedia Production for Live Performance. (3 cr. Prereq–5553 or #) Use of multimedia production technologies in actual production. Students apply knowledge/skill in conjunction with an artistic team on a production and are an integral part of the development/realization of that production.

Th 5556. Audio Engineering. (3 cr. Prereq–#) Mixing/recording techniques specific to music and dramatic dialogue. Students explore recording different styles of music. Hands-on experience in recording bands and doing final mixes to a demo CD. Field trips to professional studios and club/concert recordings.

Th 5558. Audio Systems Analysis and Installation. (3 cr. Prereq–4555 or #) Analyzing, designing, developing specifications, and installing sound systems. Students work from client program lists, with given resources and given spaces, to arrive at best possible audio system. Hands-on experience.

Th 5559. Sound Design for Performance. (3 cr. Prereq–5555 or #) Audio technology and psychology and their impact on an audience in a performance situation. Communication, design process, psychoacoustics, and script analysis.


Th 5580. Costume Technology. (1-3 cr [max 15 cr]. Prereq–3515 or grad or #) Fabric enhancement techniques, masks, wig-making, millinery, makeup prosthetics, pattern drafting, and draping. Topics specified in Class Schedule.

Th 5590. Theatre Technology Practicum. (1-3 cr [max 15 cr]. Prereq–3515, #; 4 cr max for undergrads) Individual creative project in technology/craft area of theatre. Practical work in costume, lighting, makeup, props, scenery, sound, or theatre management.


Th 5713. Theory and Practice of Performance. (3 cr; A-F only. Prereq–[3171, 3172, [4178 or 4178], 5711] or grad student) Traditions of thinking about theatre, from ancient Greece to present, in practical applications. Focuses on epistemological significance of performance in current critical practices of postmodernism, psychoanalysis, and phenomenology.

Th 5714. The Drama of Myth. (3 cr. Prereq–[3122, 3171, 3172] or #) Role of myth in performance. Students choose a myth and study its iconography, tracing its journey in painting, sculpture, music, and other texts that accumulated around it throughout history. Course culminates in creation of a non-traditional performance score that embodies/reveals energies of contemporary culture within ancient metaphor of a chosen myth.

Th 5715. Actor-Director Collaboration. (3 cr. Prereq–Grad or 3322, 3711) Applying advanced acting and directing technique to an artistic, collaborative process that promotes flexibility and creativity. Actors and directors are exposed to a challenging range of roles, styles, and scenes.


Th 5718. Principles of Theatre Management. (3 cr. Prereq–#) Nonprofit theatre structure: concept; mission; organization; financial, marketing, fund-raising, and grant-writing strategies. Discussion/guest professionals from Twin Cities’ arts/funding communities.

Th 5725. The Alchemy of an Object. (3 cr. Prereq–[1322, 3171, 3172] or #; grad student) Stage object as vehicle for investigating role of drama in culture from Middle Ages to present. Object as first connection that dramatic text makes with material world. Object as culturally inscribed link between language of drama and world of action in a historically given moment. Object as metaphor of cultural praxis.

Th 5753. Text Analysis for Drama. (3 cr. Prereq–5711 or grad) Tools for intensive textual analysis for advanced directors/designers. Traditional, Aristotelian analysis and contemporary approaches covered through theories/writings of Bertolt Brecht and Howard Barker.

Th 5760. Advanced Stage Management. (2-3 cr. Prereq–5716 or 5716, §[4 cr max for undergrads]) Practical experience in stage management for specific productions of the University Theatre with emphasis on rehearsal and performance.
Th 5780. Advanced Topics in Theatre Management. (2-4 cr; max 8 cr; Prereq–5718) Study and apply theatre management theories and techniques learned in 5718. Marketing/audience development, fundraising and grant writing strategies, and financial management of a nonprofit theatre organization.


Th 5993. Directed Study. (1-5 cr [max 20 cr]. Prereq–6 Th cr, △, □, △) Guided individual reading or study.

Toxicology (Txcl) Graduate School

Txcl 5000. Directed Research in Toxicology. (1-4 cr [max 16 cr]; A-F only. Prereq–#) Special project that addresses specific issue in toxicology. Under guidance of faculty member.

Txcl 5011. Principles of Toxicology. (2 cr; A-F only. Prereq–Grad student or △) Introduction to fundamentals of poisoning in individuals and the environment, assessment of potential health hazards, and application of toxicology in various professional careers.

Txcl 5195. Veterinary Toxicology. (3 cr; A-F only. Prereq–Grad student or △) Toxicology of chemicals, pesticides, venoms, and various toxins. Identification of poisonous plants. Recognition, diagnosis, and treatment of animal poisons.

Txcl 5545. Introduction to Regulatory Medicine. (2-4 cr; A-F only. Prereq–Grad student or △) Explanation of products requiring pre-market approval and those that may be marketed without approval. Post-market surveillance. Adverse reactions, removal of product from market.

University College (UC) College of Continuing Education

UC 1000. Exploring Educational Options. (1 cr [max 20 cr]; S-N only. Prereq–△, □) Clarifying expectations, resources, and challenges for transitioning into (back to) college. Students assess their interests and learning style as they relate to a college major. Internet as means of gaining options for education. Individualized degrees at the University, how to prepare an application for them. Campbell Skills and Interest Survey, Learning Styles Inventory, written assignments. Materials fee: $25.

UC 3075. Directed Study. (1-15 cr. Prereq–△)

UC 3200. Continuing Studies. (1 cr [max 1 cr]; S-N only. Prereq–PIL student, △) Allows student to complete a PILL course for which an incomplete was received. Also allows access to academic advising.

UC 3201. Web Designer Introduction. (4 cr; A-F only) Web design process: plan, design, layout, and publish. Design principles, business practices, site analysis. Students use industry standard Web design software, including Adobe Photoshop, Macromedia Dreamweaver, and Flash, to build Web site. HTML, CSS. Lectures, exercises, lab.


UC 3211. Degree Planning. (8 cr; S-N only. Prereq–PIL student, △) Students develop individualized curricular plans for their baccalaureate degrees.

UC 3212. Degree Planning. (4 cr; S-N only. Prereq–PIL student, △) Degree planning.

UC 3251. Individualized Study. (4 cr; S-N only. Prereq–PIL student, △) Students develop a proposal, identify resources, conduct research, complete a project (e.g., paper, performance, Web site). Narrative evaluation from project adviser/evaluator.

UC 3281. Major Project. (8 cr; S-N only. Prereq–PIL student, △) Students develop a proposal, identify resources, conduct research, complete a capstone project for their degree. Narrative evaluation from project adviser/evaluator.

UC 3282. Major Project. (4 cr; S-N only. Prereq–PIL student, △) Additional time to work on major project.

UC 3283. Major Project. (4 cr; S-N only. Prereq–PIL student, △) Additional semester to complete major project.

UC 3291. Graduation Preparation. (8 cr; S-N only. Prereq–PIL student, △) Students compile graduation dossier for presentation to review committee. Dossier consists of criteria summary, statement of readiness, transcripts, illustrative materials, approved degree plan.

UC 3950. Special Topics. (1-4 cr [max 12 cr]) Special topics course.

UC 4001. Professional Practice of Addictions Counseling. (4 cr; S-N only. Prereq–Adds student, △) Core addictions counseling functions including clinical assessment, case management, documentation treatment planning, and ethical issues. Students begin process of securing internship.

UC 4002. Internship in Substance Abuse Counseling I. (4 cr; S-N only. Prereq–Adds 4001, Adds student, △) Supervised field work experience. Practical application of substance abuse counseling skills such as assessment, treatment planning, and case management.

UC 4003. Internship in Substance Abuse Counseling II. (4 cr; S-N only. Prereq–Adds 4001, Adds 4002, Adds student, △) Students’ knowledge, internship site functioning, and counseling skills are advanced through clinical experience/supervision.

UC 4299. Graduation Review. (4 cr; S-N only. Prereq–PIL student, △) Passed preliminary review. Students revise graduation dossier, present to graduation review committee for BA or BS approval.

UC 4301. Perspectives: Interrelationships of People and Animals in Society Today. (2 cr) Interrelationships of people and animals from several viewpoints. Social, economic, and health consequences of these relationships, including issues such as pets and people sharing an urban environment, animal rights, and the influence of differences in cultures on animal-human relationships.

UC 4525. Garbage and the Human Environment. (3 cr; A-F only) Human development, use of natural resources, waste production, pollution of environment, waste management. Comparative look at issues/problems associated with rapid technological development. Laws to control waste production and manage accumulated waste.

UC 5075. Directed Study. (1-8 cr; A-F only) Directed study.

UC 5950. Special Topics. (1-8 cr; A-F only) Special topics.
Course Descriptions

Urdu (Urdu)
Department of Asian Languages and Literatures
Course Schedule

Urdu 1001. Introduction to Conversational Urdu. (3 cr)

Urdu 1101. Beginning Urdu. (5 cr)
Basic listening, speaking, reading, and writing skills. Emphasizes development of communicative competence.

Urdu 1102. Beginning Urdu. (5 cr; Prereq–1101 or #)
Basic listening, speaking, reading, and writing skills. Emphasizes development of communicative competence.

Urdu 3131. Intermediate Urdu. (5 cr; Prereq–1102 or #)
Development of reading, writing, speaking, and listening skills. Grammar review, basic compositions, oral presentations.

Urdu 3132. Intermediate Urdu. (5 cr; Prereq–3131 or #)
Development of reading, writing, speaking, and listening skills. Grammar review, basic compositions, oral presentations.

Women’s Studies (WoSt)
Department of Women’s Studies
Course Schedule

WoSt 1001. Introduction to Women’s Studies. (3-4 cr)
U.S. multi-/cross-cultural studies of contemporary social, cultural, and personal conditions of women’s lives. Includes honors recitation.

WoSt 1002. Politics of Sex. (3-4 cr)
Introductory survey of historical, cultural, psychological, and sociopolitical dimensions of analyzing gender/sexuality. Norms/deviances pertaining to gender/sexuality as differently enacted/understood by social groups in different time/place-specific locations.

WoSt 1003W. Women Write the World. (3-4 cr)
Concepts in literary studies. Poems, plays, short stories, novels, essays, letters by women from different parts of world. Focuses on lives, experiences, and literary expression of women, including basic concepts of women’s studies.

WoSt 1902. Freshman Seminar. (3 cr; A-F only. Prereq–Fr or no more than 36 cr)
Topics/_description vary. See Class Schedule, Course Guide.

WoSt 1904. Freshman Seminar. (3 cr; A-F only)
Topics specified in Class Schedule.

WoSt 1905. Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq–Fr or no more than 36 cr)
Topics/description vary. See Class Schedule, Course Guide.

WoSt 3001W. Sexualities. (3 cr)
Interdisciplinary survey of lesbian, gay, bisexual, and transgender studies. Includes honors recitation.

WoSt 3002. Gender, Race, and Class: Women’s Lives in the United States. (3-4 cr)
Comparative study of women/gender, race, class, and sexuality in two or more U.S. ethnic cultures. Includes honors recitation.

WoSt 3002H. Honors: Gender, Race, and Class: Women’s Lives in the United States. (3-4 cr; §3002)
Comparative study of women/gender, race, class, and sexuality in two or more U.S. ethnic cultures. Honors recitation.

WoSt 3003. Gender and Global Politics. (3-4 cr; §3003W)
Similarities/differences in women’s experiences throughout world, from cross-cultural/historical perspective. Uses range of reading materials/media (feminist scholarship, fiction, film, news media, oral history, autobiography).

WoSt 3003H. Honors: Gender and Global Politics. (3 cr; §3003W; §3003; Prereq–Honors)
Similarities/differences in women’s experiences throughout world from cross-cultural/historical perspective. Uses range of reading materials/media (feminist scholarship, fiction, film, news media, oral history, autobiography). Includes honors recitation.

WoSt 3004V. Honors: Point/Counterpoint: Contemporary Feminist Debates. (3-4 cr; §3004W; Prereq–Honors)

WoSt 3004W. Point/Counterpoint: Contemporary Feminist Debates. (3-4 cr)

WoSt 3051. Honors: Introduction to Sexuality Studies. (4 cr; A-F only §3001)
Interdisciplinary survey of lesbian, gay, bisexual, and transgender studies. Recitation.

WoSt 3052. Honors: Introduction to U.S. Ethnic Studies of Women, Race, and Class. (4 cr; A-F only §3002)
Comparative study of women and gender, race, class, and sexuality. Compares two or more U.S. ethnic cultures. Recitation.

WoSt 3053. Honors: Introduction to Women and World Cultures. (4 cr; A-F only §3003)
Focuses on similarities/differences in women’s experiences throughout world from cross-cultural/historical perspective. Uses range of reading materials and media (e.g., feminist scholarship, fiction, film, news media, oral history, autobiography). Recitation.

WoSt 3054. Honors: Point/Counterpoint—Introduction to Contemporary Feminist Debates. (4 cr; A-F only §3004)
In-depth study of contemporary debates/perspectives on several issues of concern to many women. Issues may include abortion, affirmative action, marriage rights, welfare rights, sex education, children’s rights, date rape. Recitation.

WoSt 3102V. Honors: Feminist Thought and Theory. (3-4 cr; §3102, §3102W)

WoSt 3102W. Feminist Thought and Theory. (3-4 cr)

WoSt 3130. Sociology of Gender. (3 cr; Prereq–1001 or 1002 or 3001 or 3002 or #)

WoSt 3202, Biology of Women. (4 cr)

WoSt 3202H. Biology of Women. (4 cr)

WoSt 3202W, Skin, Sex, and Genes. (3 cr; Prereq–3202)
Ways in which modern biology has been site of conflict about race/gender. Race/gender demographics of scientific professions.

WoSt 3204. Women’s Psychology: Feminist and Multicultural Perspectives. (3 cr)
Examines culture, gender, ethnicity, class, sexual identity, and age as factors that influence women’s diverse psychologies.

WoSt 3205. A Sense of Identity. (3 cr)
Exploration of social and psychological factors that affect a woman’s continuously developing sense of identity. Emphasis is on socialization and communication skills development.

WoSt 3206. Women and Madness in History and Literature. (3 cr; §5203. Prereq–#)
The representation of madness and how it intersects with gender as well as class, race, sexual orientation, and nationality.

WoSt 3207. Gender and the Global Politics of Health. (3 cr; A-F only)
Politics, global processes, and social relations that shape health/disease patterns world wide. Case studies, including HIV/AIDS in Africa, diabetes and health care in the U.S., new reproductive technologies, and access to food. How gender, poverty, geographic/social location, citizenship, sexuality, and other factors help determine degree of vulnerability to disease or right to health.
Course Descriptions

WoSt 3290. Topics: Biology, Psychology, and Social Perspectives. (3 cr)
Topics specified in Class Schedule.

WoSt 3301W. Anglophone Women Writers. (3 cr. Prereq-1002 or 1003 or LAS 3131 or #)
Literature in various genres (e.g., novels, short stories, poems, essays, plays, autobiography) written by women of various racial/ethnic backgrounds.

WoSt 3302. Women and the Arts. (3 cr)
Study of women in the arts, as represented and as participants (creators, audiences). Discussion of at least two different art forms and works from at least two different U.S. ethnic or cultural communities.

WoSt 3303W. Writing Differences: Literature by U.S. Women of Color. (3 cr)
Interpret/analyze poetry, fiction, and drama of U.S. women minority writers. Relationship of writer's history, ethnicity, race, class, and gender to her writings.

WoSt 3305. Language and Gender. (3 cr)
Gender and communication with an emphasis on interdisciplinary theory. Role of communication in creating, maintaining, reinforcing, and sometimes changing gender relations in society.

WoSt 3306. Pop Culture Women. (3 cr)
Contemporary U.S. feminism as political/intellectual movement. Ways in which movement has been represented in popular culture.

WoSt 3307. Feminist Film Studies. (3 cr)
Construction of different notions of gender in film, social uses of these portrayals. Lectures on film criticism, film viewings, class discussions.

WoSt 3308W. Women's Contemporary Fiction. (3 cr)
Themes and features of style and content related to changes in women's roles in novels and short stories by English-language women writers of the late 20th century. Significance of race, sexual orientation, class, and age in the conditions of women's lives and their portrayal in literature.

WoSt 3390. Topics: Literature, Film, and the Arts. (3-4 cr)
Topics specified in Class Schedule.

WoSt 3410W. Gender and Geopolitics. (3 cr)
Gendered theory and practice of geopolitics. Critique of the gendered nature of conventional international relations theory.

WoSt 3430W. Jewish Women in the United States. (3 cr)
Twentieth century American Jewish women—historically, sociologically, religiously, and culturally; key developments over the century.

WoSt 3440. International Lesbian and Queer Studies. (3 cr. Prereq-1001 or 1002 or 3001 or #)
Lesbian/gay lives throughout world. Culturally-specific/transcultural aspects of lesbian/gay identity formation, political struggles, community involvement, and global networking. Lesbian/gay life in areas other than Europe and the United States.

WoSt 3450. Latin American Women's Lives. (3 cr. Prereq-1001, 1002 or 1003 or LUS 3131 or #)
An interdisciplinary approach to understanding women’s lives in Latin America. Use of ethnography, history, poetry, fiction, and “testimonio” to understand the conditions of women’s lives in Latin America.

WoSt 3460. Gender, Labor, and Politics. (3 cr)
Historical changes in women’s labor force participation in the United States from 1890 to present. Systematic/institutional processes that maintain/reproduce sex segregation. Women’s efforts to change their work situations.

WoSt 3470. Women in Early and Victorian America, 1600-1890. (3 cr)
Varied experiences of women in American history from European settlement in North America to the end of the 19th century.

WoSt 3480. Women in Modern America. (3 cr. Prereq-3407)
History of women in the United States from 1890 to the present. Women’s changing roles in politics, in the labor force, in the family, and in the popular culture. Themes include work, family, sexuality, gender ideologies, women’s right struggles, and the different experiences of women based on race, class, religion, and region.

WoSt 3490W. Asian American Women's Cultural Production. (3 cr)
Diversity of cultures designated “Asian American.” Understanding women’s lives in historical, cultural, economic, and racial contexts.

WoSt 3410. La Chicana. (3 cr)
Focus on Chicanas or politically defined women of the Mexican-American community. Method is interdisciplinary emphasizing the importance of historical context and cultural process to any discussion of the Chicana experience.

WoSt 3411. Las Mujeres. (3 cr)
Focus on Chicanas; women of the Mexican-American community. Exploration of racial, economic, political, and gender issues of concern to all Mexican Americans and diverse Latino cultures.

WoSt 3412. American Indian Women: Ethnographic and Ethnohistorical Perspectives. (3 cr; A-F only)
Comparative survey of ethnographic/ethnohistorical writings by/about American Indian women.

WoSt 3414. Women in Medieval Europe. (3 cr; A-F only. §HIST 3614W)
Women’s role in family, politics, religion, work, and social movements. Representations of women in religious texts, art, literature, scientific studies, and law. Methods/approaches to study of women’s history.

WoSt 3490. Topics: Comparative and Global Studies. (3 cr)
Topics specified in Class Schedule.

WoSt 3501. Community, Service, and Self: Dynamics of Gender, Race, and Class. (3 cr. Prereq-[WoSt major or WoSt minor or 6 cr WoSt] or [#, A])
Combines theoretical exploration of models of community service with hands-on involvement in local communities.

WoSt 3502. Community, Service, and Self: Dynamics of Gender, Race, and Class. (3 cr. Prereq-3501)
Year-long, six-credit offering (with WoSt 3501) that combines a theoretical exploration of models of community service with hands-on involvement in local communities.

WoSt 3503. Women and the Law. (3 cr)
Legal system as it relates to women: historical legal approach to issues related to constitutional rights of women.

WoSt 3590. Topics: Civic and Community Studies. (3 cr)
Topics specified in Class Schedule.

WoSt 3880H. Honors Directed Instruction. [1-8 cr max 12 cr]. Prereq-[3880H]
Directed instruction.

WoSt 3890H. Topics: Honors Seminar. [1-8 cr max 12 cr] §3890H. Prereq-[Honors]
Topics vary. Topics that students would like faculty to develop into a course or topics closely related to faculty research/scholarship or contemporary issues.

WoSt 3893H. Honors Directed Study. [1-8 cr max 12 cr]
Honors directed study.

WoSt 3894H. Honors Directed Research. [1-8 cr max 12 cr]
Honors directed research.

WoSt 4102. Women, Gender, and Science. (3 cr. Prereq-1001 or 1002 or 3102 or #)
Three intersecting themes analyzed from 1700s to the present: women in science, sexual and gendered concepts in modern sciences, and impact of science on conceptions of sexuality and gender in society.

WoSt 4103. Honors: International Feminist Theory. (3 cr. Prereq-[3102, 8 cr WoSt] or grad or #)
Western/nonwestern feminist theories in conversation. Historical, cultural, and political context. Relation of theory to activism.

WoSt 4108W. Senior Seminar: Writing. (3 cr. Prereq-WoSt [Ir or Sr])
Writing seminar for senior project. Writing process. Project is completed under supervision of instructor and faculty adviser.

WoSt 4109. Field Learning. (2 cr. Prereq-WoSt major) Projects that involve an internship or learning practicum.

WoSt 4110. Topics: Methods of Inquiry. (3 cr. Prereq-Sr or grad or #)
Topics specified in Class Schedule.

WoSt 4201. The Older Woman: A Feminist Perspective. (5 cr. Prereq-12 cr in WoSt or substantial work in psyh or soc sci)
Myths and realities surrounding conceptualizations of older women in public, private, personal, social, sexual, professional, and community interactions.

WoSt 4290. Topics: Biology, Psychology, and Social Perspectives. (3 cr. Prereq-WoSt-Sr or grad or #)
Topics specified in Class Schedule.

WoSt 4302H. Honors: Women's Personal Narratives. (3 cr. Prereq-3301 or 3002 or 3 cr literary studies or 3 cr African or #)
Literary autobiography, journals, travel narratives, essays, slave narratives, and ethnographies used to consider content of and methodological, theoretical, and aesthetic issues in constructing/producing women’s experience.

WoSt 4390. Topics: Literature, Film, and the Arts. (3 cr. Prereq-Sr or grad or #)
Topics specified in Class Schedule.

WoSt 4401. Chicana/Latina Cultural Studies. (3 cr. Prereq-3002 or 3410 or 3411 or 3 cr Chicano studies or #)
Diversity of cultures called “Hispanic”; women in these cultures. Chicanas/Latinas living in United States or migrating from their home nations to United States.

WoSt 4402. Rebels, Radicals, and Revolutionaries: History of Western Feminisms, (3 cr)
Survey of main currents in history of western feminist thought, politics, and social movements from 1770s to present.

WoSt 4403. Queering Theory. (3 cr. Prereq-1002 or 3102 or #)
Lesbianism and lesbian identities as products of cultural practices, relations, and meanings that are historically specific/changing.

WoSt 4490. Topics: Comparative and Global Studies. (3 cr. Prereq-Sr or grad or #)
Topics specified in Class Schedule.

WoSt 4502. Women and Public Policy. (3 cr. Prereq-[Ir or Sr] WoSt major or 9 cr WoSt or pol sci or sociology or #)
Public policy issues, processes, and histories as these affect women-, children-, and gender-related issues.

WoSt 4504. Women and the Legislative Process. (3 cr. Prereq-Sr or grad or #)
Current/historical roles, impacts, and interactions of women as legislators, constituents, and professional or citizen lobbyists in state/national legislatures. Unique contributions, issues, challenges of women. Ways in which gender is operative in legislative process.
WoSt 4505. Honors: Legislative Internship. (3 cr. Prereq–4504 or equiv or grad, A) Discussion group and learning community for students working as interns for a Minnesota legislator during the year’s legislative session.

WoSt 4590. Topics: Civic and Community Studies. (3 cr. Prereq–j r or sr or grad) Topics specified in Class Schedule.

WoSt 4900W. Women’s Studies Seminar. (3 cr [max 12 cr]; A-F only. Prereq–WoSt major, junior or senior standing or #) Includes a component on research methods/writing. Capstone experience. Culminates in a 20-25 page paper.

WoSt 4980. Directed Instruction. [1-8 cr (max 12 cr)]

WoSt 4993. Directed Study. [1-8 cr (max 12 cr)]

WoSt 4994. Directed Research. [1-8 cr (max 12 cr)]

WoSt 5101. Feminist Approaches to Ethnography. (3 cr) Preparation for feminist ethnographic research in the social sciences. Using recent works by feminist ethnographers, focus on methods, politics, and ethics, as well as gender, race, class, and cross-cultural issues pertaining to fieldwork.

WoSt 5102. Feminist Approaches to History. (3 cr. Prereq–8 cr WoSt or grad or #) Analysis and practice of feminist history. Theories, methods, and sources that address the interrelationship of gender, race, class, and sexuality.

WoSt 5103. Feminist Pedagogies. (3 cr. Prereq–Grad or #) Theory and practice of feminist pedagogies by comparing and evaluating various multicultural feminist theories of education/teaching and the application of specific theories, techniques, and teaching strategies.

WoSt 5104. International Feminist Theory. (3 cr) Third World and transnational feminisms. Interrogating the categories of “women,” “Feminism,” and “Third World.” Varieties of power/oppression that women have endured/resisted, including colonization, nationalism, globalization, and capitalism. Concentrates on postcolonial context.

WoSt 5105W. Gendered Rhetoric of Science and Technology. (3 cr. Prereq–8 cr WoSt or grad or #) How cultural and gender roles are affected by science and technology as well as influence scientific and technological thinking and communication strategies.

WoSt 5106. The Cultural Construction of Sex, Gender, and Sexuality. (3 cr. Prereq–Feminist studies grad or 12 cr WoSt or #) Investigation of Euro-American concepts of sex, gender, sexuality in representative texts and images from the 17th century to the present. Critical and source materials from literary and cultural studies, history, biology, anthropology, psychology, and sociology.

WoSt 5107. Gender, Culture, and Science. (3 cr) Critical study of some of the major papers concerning the relation of gender and scientific inquiry produced in the past 20 years.

WoSt 5190. Topics: Methods of Inquiry. (3 cr) Topics specified in Class Schedule.

WoSt 5201. Global Processes and the Politics of Sexuality. (3 cr. Prereq–12 cr WoSt or feminist studies grad student or #) Comparative examination of the social construction of sexuality. Formal/informal norms/regulations, categories of deviance, representation of sex in the media/arts, role of sexuality in relation to agency/subjectivity.

WoSt 5202. Feminist Therapies. (3 cr) Feminist and multicultural perspectives regarding therapy and other helping forms for women, including philosophy of feminist therapy; feminist ethics in therapy; gender, sexual identity, race and class in therapy, and related topics.

WoSt 5203. Women and Madness in History and Literature. (3 cr. §3206. Prereq–j r. 4 cr WoSt or #) The representation of madness and how it intersects with gender as well as class, race, sexual orientation, and nationality.

WoSt 5290. Topics: Biology, Psychology, and Social Perspectives. (3 cr) Topics specified in Class Schedule.

WoSt 5300. Communication and Gender. (3 cr; A-F only. Prereq–One women’s studies course or #) How gender affects verbal communication. Development of analytical skills through readings, exercises, research that raise awareness of the power of language and the influence of gender prescriptions.

WoSt 5390. Topics: Literature, Film, and Other Arts. (3 cr) Topics specified in Class Schedule.

WoSt 5403. Chicana/Latina Feminisms. (3 cr. Prereq–8 cr WoSt and/or Chic or grad or #) The historical and social development of Chicana and Latina feminisms in general and their various specific types.

WoSt 5404. Working Class Women’s Cultures. (3 cr. Prereq–12 cr WoSt or #) Myths and realities surrounding working class women and their cultures. Use sociological and literary material in an effort to learn about working class women’s social (class) and sexual (gender) experiences.

WoSt 5405. Chicanas: Women and Work. (3 cr. Prereq–#) Chicanas, their various relationships to family/community, Local, national, and global work forces. Questions/issues related to growing integration of world’s systems of production.

WoSt 5490. Topics: Comparative and Global Studies. (3 cr [max 12 cr]) Topics specified in Class Schedule.

WoSt 5501. Women and the Law. (3 cr. Prereq–9 cr [WoSt or pre-law grad] or #) Legal system as it relates to women: historical legal approach to issues related to constitutional rights of women.

WoSt 5505. Women and Indigenous Land Struggles. (3 cr. Prereq–8 cr WoSt and/or Chic and/or Am Indian or #) Representative land struggles by indigenous women from a critical race and gender perspective.

WoSt 5590. Topics: Civic and Community Studies. (3 cr [max 12 cr]) Topics specified in Class Schedule.

WoSt 5593. Directed Study. (1-12 cr [max 12 cr]. Prereq–#) WoSt 5594. Directed Instruction. (1-12 cr [max 36 cl]) WoSt 5595. Directed Research. (1-8 cr [max 36 cl])

Work, Community, and Family Education (WCFE) Department of Work, Community, and Family Education

College of Education and Human Development

WCFE 1301. Introduction to Career and Technical Education Teaching. (2 cr; A-F only. Prereq–Occupationally certifiable individual) Entry-level skills to function as a teacher. Philosophy of career/technical education, planning of instruction, instructional methods, student evaluation, working with students who have special needs, ancillary duties of career/technical education faculty. Emphasizes microteaching and feedback.


WCFE 3011. Foundations of Student and Trainee Assessment. (2 cr; A-F only) Developing tests of knowledge, affect, and processes for programs focused on instruction of skills associated with business/industry. Developing learning-progress reporting systems. Evaluating instructional effectiveness. Applying tests and other evaluation instruments to assess/report learning in business/industry and in career/technical education field.

WCFE 3629. Foundations of Course Development for Business and Industry. (2 cr; A-F only) Designing instructional programs/courses focused on helping learners develop desired competencies. Designing/constructing for performance-based training and vocational/technical education. Developing course syllabus components that clarify broad course expectations. Developing academic/community-based elements that complement course goals.

WCFE 3661. Foundations of Instructional Methods for Business and Industry. (2 cr; A-F only) Theory/practice in instructional methods/techniques for career/technical education (CTE) instructors and for human resources and development (HRD) professionals. How to deliver instruction using various teaching methodologies, select appropriate methodologies, and plan for their delivery.

WCFE 3990. Special Topics for Undergraduates in WCFE. (1-4 cr [max 12 cr]) Course content varies by offering.

WCFE 4990. Special Topics: Professional Issues in WCFE. (1-4 cr [max 12 cr]) Course content varies by offering.

WCFE 5002. Thinking, Learning, and Teaching in Work, Community, and Family. (3 cr; A-F only) Nature of thinking/learning in everyday life contexts of family, work, community. Theory/practice relevant to stimulating/supporting thinking/learning in/for these contexts.


WCFE 5021. Learning Through Service. (3 cr) Service as both a philosophy and method of learning. Content covers both the theory and the practice of service in school-based and community-based organizations.

WCFE 5031. Information Resources in Education. (3 cr; S-N only) Sources of knowledge and search strategies for accessing library, electronic, institutional, and informal resources of interest to educators.

WCFE 5101. Introduction to Leadership and Administration of WCFE. (3 cr) Basic concepts of finance, public relations, communications, legal aspects, leadership, personnel policies and management, program planning and development, evaluation, and interinstitutional collaboration of work, collaboration, and family education programs in school-based settings.

WCFE 5102. Leadership in WCFE. (2 cr) An introduction to the concepts of leadership, leadership roles and responsibilities, and application to work, community, and family education settings.

WCFE 5121. Principles of Supervisory Management. (3 cr) Introduction to the principles of supervision in education, business, industry, government, and service organizations.
WCFE 5125. Critical Pedagogy. (3 cr; S-N only) Examination of critical pedagogy; critique of power relations; culture, class, gender, and age in various educational settings; consideration of improved practice in education for children, youth, and adults.

WCFE 5131. Planning WCFE. (3 cr) Examination of educational planning and evaluation of work, community, and family education contexts and settings.

WCFE 5201. Family and Work Relationships. (3 cr; A-F only) Examination of the interactions of work and family to prepare professionals to improve work and family relationships.


WCFE 5331. Coordination Techniques for Work and Community Education. (3 cr) Purposes of cooperative work and community education; responsibilities of instructor coordinator; guidance, selection, placement, supervision and evaluation of students; articulation of related instruction; training sponsor identification, orientation, development, and evaluation; management of the program.

WCFE 5341. Global Program Delivery Techniques and Technology. (2 cr; A-F only) Special educational activities and teaching and communications methods and techniques for youth and adults, ranging from outreach to extension services, with an emphasis on youth and adult education programs in different global settings.

WCFE 5351. Methods for Change in Developing Countries. (3 cr; A-F only) Sociological and cultural parameters as they pertain to promoting the adoption of improved practices in rural, community, and agricultural development, including formal and informal education institutions. Project planning, implementation, and evaluation related to actual change and development situations in developing countries.

WCFE 5400. Special Topics in Youth Development Leadership. (1-4 cr [max 4 cr] Prereq—YDL student or #) An examination of important social and political topics of current interest to youth development practitioners with an emphasis on leadership implications for practice in youth agencies, congregations, schools, and other community settings. Content varies by offering.

WCFE 5411. The Everyday Lives of Youth. (3 cr; A-F only. Prereq—YDL student or #) Realities of body, time, space, other, and self from existential/phenomenological perspective.

WCFE 5412. Experiential Learning: Theory and Practice. (3 cr; A-F only) Examines the theory and practices of learning by doing. Emphasis on the educator’s personal engagement in the actual process to understand the technical, motivational, and evaluative aspects of experiential learning.

WCFE 5413. Organizational Approaches to Youth Development. (3 cr; A-F only. Prereq—YDL MED student or #) Language, historical influences, and educational philosophies fundamental to youth development work in organizations serving youth.

WCFE 5414. Issues in Youth Development Leadership. (3 cr; A-F only) An examination of issues that drive the professional practice of community-based youth work. Participants engage experts from the family, community, schools, and workplace to develop a deeper understanding of how public issues and policy affect the everyday lives of youth.

WCFE 5451. Seminar: Youth Development Leadership. (1-4 cr [max 4 cr]; S-N only. Prereq—Youth Development Leadership student or #) Applies principles of healthy youth development, nonformal learning venues, and experiential education to practices/policies of community-based youth work. Individual/group projects focus on applied research, community-based teaching/learning, and foundations of ethical practice. Four-course sequence.

WCFE 5496. Leadership Field Experience: Youth Development. (4 cr; S-N only) Leadership in support of healthy youth development. Work in agency dedicated to community-based youth programming, education, public policy; advocacy for children, youth, families.

WCFE 5511. Education for Work. (3 cr) Examination of contextual bases underlying education for work; implications for practice.

WCFE 5521. Work-Based Learning Policies. (2 cr) Aims/purposes of federal, state, and local policies, related to work-based learning.

WCFE 5522. Work-based Learning Practices. (3 cr) Learning in context; Curricular integration; Educational systems articulation; Educational partnerships. Best practices in school-/work-/service-based learning/connecting activities. Building community support. Leadership relating to active, community-based learning.

WCFE 5560. Student and Trainee Assessment. (2 cr; A-F only) Developing learning progress reporting systems and tests of knowledge, affect, and processes for programs focused on instruction of skills associated with business/industry. Evaluating instructional effectiveness. Applying tests and other evaluation instruments to assess/report learning in business/industry and career/technical education fields. Students develop each type of test and an overall evaluation plan for a course.

WCFE 5569. Course Development for Business and Industry. (2 cr; A-F only) Designing instructional program/curricula that help learners develop desired competence. Designing instruction for performance based training and vocational/technical education. Developing course syllabus components that clarify course expectations. Developing academic/community-based elements that complement course goals. Reflect on and compare performance-based instruction with other curriculum models for the field.

WCFE 5566. Instructional Methods for Business and Industry. (2 cr; CBE 5661, HRD 5661) Theory/practice in instructional methods for career/technical education (CTE) instructors and human resources/development (HRD) professionals. How to select various teaching methods and plan for their delivery. Progression of instructional methods plan to clarify course content, teaching methods selected, rationale for their selection, and how a student organization might facilitate student learning.

WCFE 5569. Teaching Internship: Introduction. (1 cr; S-N only. Prereq—Admission to an initial program) Initial experiences in the teaching profession provided through observations of school organization and administration, seminars, relationship building with cooperating teachers, and a reflection on personal involvement as a beginning student teacher.

WCFE 5597. Teaching Internship: School and Classroom Settings. (2 cr. Prereq—5369 for initial program) Participants engage experts from the family, community, and school education programs in contemporary schools and on becoming a reflective educator.

WCFE 5698. Teaching Internship: Extended Practice. (1-8 cr [max 8 cr]. Prereq—Admission to an initial program) Teaching experience in a school system that provides programs for grades 5-12.

WCFE 5699. Teaching Internship: Extended Practice. (1 cr. Prereq—5698) Extended student teaching experience in a school system that provides programs for grades 5-12.

WCFE 5801. Educating Special Populations in Work, Community, and Family Settings. (3 cr) Identifying and accommodating educational traits of students with disabilities and disadvantaged conditions in work, community, and family settings.

WCFE 5802. Enhancing Work-based Learning Through Collaboration. (2 cr) Interagency planning issues/practices relating to special populations for educational, business, and human service organization personnel, family members, and advocates.

WCFE 5803. Developmental Writing and the College Student: Theory and Practice. (3 cr; Prereq—Bachelor's degree) Basic grounding in theory/practice of college-level developmental writing instruction. History of “basic writing,” development of notions of “academic discourse,” error/grammar in student writing, best classroom practices, current issues.

WCFE 5804. Research in Postsecondary Developmental Education. (3 cr; Prereq—Bachelor's degree, courses in [intro psychology, basic statistics]) Strategies for conducting research types of research that are central to developmental education: placement test validation, program evaluation, and classroom research. Students read examples and learn what constitutes best practices in each type.


WCFE 5822. Diversity and Organizational Transformation in Work, Community, and Family Education. (3 cr) Developing models for understanding the impact of diversity on individuals, organizational, and community outcomes; discussing organizational change in relation to diversity.

WCFE 5823. Program Planning and Improvement for Special Populations in Work, Community, and Family Education. (2 cr) Concepts, issues, and practices related to the design, implementation, and evaluation of efforts focused on developing new programs or modifying existing programs for individuals with special learning needs in work, community, and family settings.

WCFE 5891. Using Research in Work, Community, and Family Education. (3 cr) Introduction to the role of work, community, and family education research in professional practice, significant problems of practice for research, alternative modes of research, and synthesis and application of the results of research.

WCFE 5990. Special Topics in Work, Community, and Family Education. (1-4 cr [max 4 cr]) Topics vary.

WCFE 5993. Directed Study in WCFE. (1-4 cr [max 4 cr]. Prereq—A) Self-directed study, with faculty advice, in areas not covered by regular courses.
Youth Development and Research (YoSt)

School of Social Work

College of Human Ecology

YoSt 3001. Introduction to Youth Studies. (2 cr)
Introduction to the issues of youth and adolescents in their everyday lives. Policies, programs, and services for youth and adolescents.

YoSt 3002. Introduction to Youth Studies: Understanding Youth, Young People, Youthhood, and Youth Work. (4 cr)
Introduces youth studies minor. Prepares students for more in-depth departmental offerings and for continued scholarship or later work with youth, directly or on their behalf.

YoSt 2002W. Introduction to Youth Studies: Understanding Youth, Young People, Youthhood, and Youth Work. (4 cr)
Introduces youth studies minor. Prepares students for more in-depth departmental offerings and for continued scholarship or later work with youth, directly or on their behalf.

YoSt 3001. Introduction to Youth Development, and Youth Work. (3 cr; A-F only. Prereq-Soc 1001, Psy 1001, 2001)
Framework, conceptual language for understanding youth, youth development, youth work. Formal/non-formal settings, types of work with youth that constitute youth work as a practice.

Field observation of young people. Field visits to youth programs.

Reflective seminar to carry out, at beginning level, guided reflection of one’s ‘others’ ideas, experiences, feelings about courses, self, youth work.

YoSt 3004. Youth in Community Context: Home, School, Neighborhood, Geography, Programs, Policies. (2 cr; A-F only. Prereq- 3001, 3005, 3006)
Introduces community, sociocultural context of “growing up,” “coming of age” as primary site for healthy youth development. Community introduced also as home to youth agencies/programs along intervention continuum. How community-based cultural identity, social expectations of young people frame young people’s roles in school, work, neighborhoods.

YoSt 3006. Fieldwork Seminar: Youth, Youthworker, Context, Programs, Organizations, Place. (1 cr; A-F only. Prereq- 3001, 3004, 3005)
Beginning youth work, youth agency, program, organization, service as found in students’ youth work field experience.

YoSt 3007. Integrative Seminar: Analysis, Experience, Reflection on Youth Studies and Youth Work. (2 cr; A-F only. Prereq- 3001, 3006)
Students integrate their two years of observation, analysis, experiences, and reflections about youth, youth work, youth programs. Work/career paths for beginning/advanced youth workers.

YoSt 3101. Introduction to Youth Work. (2 cr. Prereq- 1 gen psy and 1 gen soc course)
Explore settings in which youth work is done: schools, informal education, juvenile justice, mental and physical health organizations, religious organizations. Key issues, policy and programmatic responses; philosophy, values, roles, tasks of youthworkers, and career patterns.


YoSt 5031. Youth in the World. (3 cr. Prereq- CPSy or EPsy course)
Encourages critical thinking about how youth as ideal and as lived reality are understood in scholarship, public discourse, and professional practice. Larger framework includes building a basis for understanding youth and working with or on behalf of youth.

YoSt 5032. Child and Adolescent Psychology for Practitioners. (3 cr. Prereq-courses in ed psy or child or adolescent psych)
Application of theory and research about children and adolescents including how findings can be used and how theories facilitate understanding of behavior.

YoSt 5101. Youth Work Practice I: Internship. (3 cr.
Prereq- 3101, 5032 or equiv, 5111)
First course of a sequential internship that includes 15 hours per week working with youth in a community youth-serving organization. Develop and enhance competence and identity as a youth worker, reflect on and integrate knowledge about youth with ongoing experience in youth work.

YoSt 5102. Youth Work Practice II: Internship. (3 cr.
Prereq- 5101, 5112)
Second course of a sequential internship that includes 15 hours per week of work with youth in a community youth-serving organization. Develop and enhance competence and identity as a youth worker, reflect on and integrate knowledge about youth with ongoing experience in youth work.

YoSt 5111. Youth Work Methods I: Seminar. (1 cr.
Prereq- 3001, 5032 or equiv, 5111)
Weekly discussion seminar taken concurrently with 5101 to integrate theory and praxis with youth work experience. Written and experiential assignments to increase knowledge, competency, and skills related to working with youth.

YoSt 5112. Youth Work Methods II: Seminar. (1 cr.
Prereq- 5111)
Weekly discussion seminar taken concurrently with 5102 to integrate theory and praxis with youth work experience. Written and experiential assignments to increase knowledge, competency, and skills related to working with youth.

YoSt 5234. Youth Agencies, Organizations, and Youth Service System. (2 cr. Prereq- Two soc/anth courses, work exper in a youth agency or org)
Overview of major forms of youth agencies and organizations, sources of agency legitimacy, ideologies and values, and goals. Relations between and among agencies and organizations. Roles of adults and youth; professionals and nonprofessionals; paid staff and volunteers; youth participation; legal and ethical issues. Examples of existing and ideal agencies.

YoSt 5235. Community Building for Healthy Youth Development. (2 cr.
Prereq- Two soc sci courses, exper working with youth or #)
Community is a major context of adolescence and youth life, and community-building is a major strategy for healthy development. Explore recent foundation and government reports that address issues and practical problems of community-building.

YoSt 5240. Special Topics in Youth Studies. (2-8 cr. [max 10 cr]. Prereq- Two soc sci courses, exper working with youth or #)
In-depth investigation of one area of youth studies. Teaching procedure and approach determined by specific topic and student needs. Topic announced in advance.

YoSt 5241. Experiential Learning. (2 cr. Prereq- Two soc sci courses, exper working with youth or #)
Cover rationale for and purposes of experiential learning in schools and youth-serving agencies, development and implementation of experiential programs for adolescents, and evaluation of experiential-learning programs. Each student will develop a plan for an experiential program for teenagers.

YoSt 5291. Independent Study in Youth Studies. (1-8 cr. [max 8 cr]. Prereq- #)
Independent reading and/or research under faculty supervision.

YoSt 5301. Communicating with Adolescents About Sexuality. (2 cr.
Prereq- Upper div AdPy course, exper working with youth or #)
Sexual development and experiences emphasizing how adults can be comfortable in communicating more effectively with young people. Sexual patterns, variations, roles, power, exploration, and sex education.

YoSt 5313. Direct Work with Adolescents. (2 cr.
Prereq- Two soc sci courses, exper working with youth or #)
Designed to give an understanding of direct work with troubled and at-risk adolescents in a wide range of settings where youth workers or social workers are typically involved. Emphasis on young people in groups in the “lifespace” in everyday life, rather than in one-to-one office-based interactions.

YoSt 5321. Work with Youth—Individual. (2 cr.
Prereq- 5032 or equiv or #)
Examination of basic assumptions underlying individual work with youth. Attention to special issues and concerns of adolescents and of persons who work with them, especially those who work with youth in one-to-one interactions.

YoSt 5322. Work with Youth—Families. (2 cr.
Prereq- 5322 or upper div AdPy course, family theory course or #)
Theories and techniques of working with youth and their families. Emphasis on practical methods of structural change, developing effective communication, decision-making and problem-solving systems, winning the family’s cooperation; the role of the professional to influence healthy family development.

YoSt 5323. Work with Youth—Groups. (2 cr.
Prereq- 5321 or CPSy or EPsy course or #)
Adolescent group needs/associations. Group process. Working with groups of adolescents in the community, in group living situations, and in group therapy.

YoSt 5401. Young People’s Spirituality and Youthwork: an Introduction. (3 cr; A-F only)
Adolescent spirituality, its relation to working with youth or #)
Overview of major forms of youth agencies and organizations, sources of agency legitimacy, ideologies and values, and goals. Relations between and among agencies and organizations. Roles of adults and youth; professionals and nonprofessionals; paid staff and volunteers; youth participation; legal and ethical issues. Examples of existing and ideal agencies.

YoSt 5402. Youth Policy: Enhancing Healthy Development in Everyday Life. (3 cr.
Prereq- Two social sci courses, exper working with youth or #)
Youth policy is typically grounded to problems and risks and is specific to human services domains such as education, health, juvenile justice, employment, and the like. Create youth policy directed at enhancing healthy development through community building, program development, and other strategies.