This is Public Health (PUBLIC HEALTH) to Youth Development and Research (YoSt) of the Course Description section of the 2006-2008 Undergraduate Catalog for the University of Minnesota, Twin Cities campus.

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This course comprises the academic programs offered by the university, including interdisciplinary and specialized fields of study.
Introduction to computer systems/applications in public affairs practice.

PA 5902. Computer Applications in Public Affairs. (5.5-3 cr [max 6 cr]; S-N only)
Introduction to computer systems/applications in public affairs practice.

PA 5903. Introduction to Computers and Applications at the Humphrey Institute. (2 cr; S-N only. Prereq—International HHF fellow)

PA 5910. Developing Your Public Service Career. (1 cr; S-N only. Prereq—Major in [public affairs or public policy or urban/regional planning or [science, technology/environmental policy or []
Students investigate/analyze interests, skills, and abilities and combine them in a career plan. Students develop tools to demonstrate their abilities, document their experiences/knowledge, and explore public service career options.

PA 5912. Politics of Public Affairs and Civic Engagement. (3 cr; Prereq—Grad student or [)
Potential for public affairs professionals to be agents/ architects of democracy in a radically changing, diverse, global landscape of governance.

PA 5920. Skills Workshop. (5.5-3 cr [max 6 cr]. Prereq—Grad student or [)
Topics on various public policy/planning skills such as lobbying, grantwriting, and project management.

PA 5931. Role of the Media in Public Affairs. (3 cr; Prereq—Grad or [)
Historical/contemporary role of news media in defining/shaping public opinion/policy, primarily in the United States. Emphasizes critical research, professional skills in three forms of journalism: hard news coverage, investigative reporting, documentaries. Field experience, practice in governmental public relations.

PA 5941. Leadership for the Common Good. (4 cr. Prereq—Grad student in public affairs or [)
Personal, team, organizational, visionary, political, and ethical aspects of leadership. Emphasizes building/experiencing a learning community.

PA 5951. Global Commons Seminar. (3 cr [max 6 cr]; S-N only. Prereq—International Hubert H. Humphrey Fellows)
Meets specific needs of International Humphrey Fellows. Topics vary each year depending on the interests and needs of the fellows.

PA 5952. Global Commons Seminar II. (2 cr; Prereq—HHF International fellow)
Research/presentations related to professional development projects. Each week selected students assign readings, deliver a presentation on their professional development project, and distribute a summary of the talk. Presentations are developed in collaboration with at least one faculty specialist in the subject area.

PA 5990. Topics: Public Affairs—General Topics. (5-5 cr [max 9 cr]. Prereq—Grad student or [)
General topics in public policy.

Public Health (PUBH)

School of Public Health

PUBH 1003. Alcohol and College Life. (1 cr. Prereq—Fr or soph or PSEC)

PUBH 3000. Topics: Public Health. (5-4 cr [max 80 cr])
New courses or topics of interest in public health.

PUBH 3001. Personal and Community Health. (2 cr)
Fundamental principles of health conservation and disease prevention.

PUBH 3003. Fundamentals of Alcohol and Drug Abuse. (2 cr. §PUBH 3004, PUBH 3005, PUBH 6003)
Scientific, sociocultural, and attitudinal aspects of alcohol and other drug abuse problems. Emphasizes incidence, high-risk populations, prevention, and intervention.

PUBH 3004. Basic Concepts in Personal and Community Health. (4 cr. §PUBH 3003, PUBH 3005, PUBH 6003)
Scientific, sociocultural, and attitudinal aspects of communicable and degenerative diseases, environmental and occupational health hazards, and alcohol and drug problems. Role of education in health conservation, disease control, and drug abuse.

PUBH 3005. Fundamentals of Alcohol and Drug Abuse for Teacher Education. (1 cr. §PUBH 3003, PUBH 3004, PUBH 6003. Prereq—Undergrad in agricultural educ or business/marketing educ or career/technical educ or foundations of educ or [kinesiology, pre-PE] or technology educ or music educ)

PUBH 3101. Public Health Approaches to HIV/AIDS. (2 cr. §PUBH 6101. Prereq—College level biology course)
FP
Primary, secondary, and tertiary prevention. Community responses to HIV/AIDS in Minnesota. Medical, social service, and political responses.

PUBH 3040. Dying and Death in Contemporary Society: Implications for Intervention. (2 cr [max 4 cr]. §PUBH 6040)
Concepts, attitudes, ethics, and lifestyle management in relation to dying, death, grief, and bereavement.

PUBH 3052. Practicum in Peer Education I. (2 cr; A-F only. Prereq—Jr or Sr div student. [demonstrated hth sci or hth ed interests]. [PUBH 3003, PUBH 3004, PUBH 6003]. §PUBH 6052. Prereq—Jr or Sr div student. [demonstrated hth sci or hth ed interests])
Multiple factors that influence health. Through various health promotion strategies, students build upon or gain skills such as public speaking, needs assessments, program planning, interpersonal communication, and program evaluation.

PUBH 3053. Directed Study: Public Health. (1-4 cr [max 4 cr]. Prereq—Grad or [)
Directed study in selected public health problems or current issues.

PUBH 3102. Issues in Environmental and Occupational Health. (3 cr §PUBH 6102)
Scope of the field of environmental health. Concepts upon which environmental interventions are based. Consulting literature to identify appropriate interventions for community environmental health problems. Online course.

PUBH 3300. Topics: Clinical Research. (1-4 cr [max 8 cr]. Prereq—Jr or Sr)
Topics regarding health research in humans.

PUBH 3300. Topics: Epidemiology. (1-4 cr [max 20 cr]. Prereq—Jr or Sr)
New courses or offerings.

PUBH 3639. Prevention: Theory, Practice, and Application in Public Health Services. (1-4 cr [max 8 cr]. Prereq—Grad or [)
Current issues/controversies centered on prevention and health promotion. How they relate to health services and program implementation.
Radiation Therapy (RTT) College of Continuing Education


RTT 2999. Radiography Certification Credit. (1-40 cr [max 40 cr]) Evaluation of credits earned for certification.

RTT 3001. Radiation Therapy: Introduction to Radiation Therapy. (1 cr; A-F only) Basic overview of radiation therapy and its role in medicine.

RTT 3100. Radiation Therapy: Mathematics. (2 cr; A-F only) Basic arithmetic, algebra, geometry, and trigonometry.

RTT 3110. Radiation Therapy: Basic Physics. (2 cr; A-F only) Basic physics.


RTT 3121. Radiation Physics II. (3 cr; A-F only. Prereq–BAS-RTT student [UMMC]) Electron beam therapy, radiation protection, quality assurance, 3D CRT, beam geometry, beam quality/characteristics, whole body irradiation, advanced concepts, nuclear transformations.


RTT 3131. Radiation Therapy: Principles of Oncology II. (3 cr; A-F only) General principles of radiation oncology. Imaging procedures, concept of disease, disease factors, disease management, treatment results.


RTT 3150. Radiation Therapy: Brachytherapy. (1 cr; A-F only) Principles of radioactivity, its medical uses.


RTT 3171. Radiation Therapy: Clinical Radiation I. (6 cr [max 7 cr]; A-F only) Hands-on clinical experience in a working environment.

RTT 3172. Radiation Therapy: Clinical Radiation II. (5 cr; A-F only) Hands-on clinical experience in a working environment.

RTT 3173. Radiation Therapy: Clinical Radiation III. (9 cr; A-F only) Hands-on clinical experience in a working environment.


RTT 3606. Clinical Practicum II. (3 cr; A-F only. Prereq–3596, BAS RTT student) Initial application/integration of principles of radiation therapy practice into clinical setting. Students participate in patient care procedures and perform simple/intermediate-level clinical competency exams.


RTT 3996. Practicum. (1-2 cr [max 2 cr]; A-F only. Prereq–BAS RTT student) Supervised practicum work in radiation therapy setting.

RTT 3999. Radiation Therapy Certification Credit. (1-40 cr [max 40 cr]) Evaluation of credits earned for certification.

RTT 4511. Dosimetry and Treatment Planning. (4 cr; A-F only. Prereq–3551, BAS RTT student) Basic concepts, Isodose charts/distributions, treatment dose calculations, irregular fields, beam weighting, dose limiting structures, selection of optimal treatment field design and other pertinent dosimetry principles. Emerging technologies, their impact on treatment planning.

Tourism.

for travel as means of understanding demand for tourism.

Overview of travel/tourism: definition, evolution of industries. Course introduces the nature, structure, and environmental impacts of tourism on cultural/natural environments.

Practicum IV. 

Practicum V. 

Practice of clinical competencies, completion of required advanced level clinical competency exams: methodology behind treatment technique; critical thinking. Students rotate through dosimetry and participate in radiation treatment planning.


Scientific Foundations. 

RRM 1001. Orientation and Information Systems. 

Course planning for RRM majors, careers, liberal education requirements, internships, summer jobs. Mentoring/utilizing alumni contacts. Technical tools in the workplace, lab equipment, software, getting around GUIs, navigating the Internet, preparing documents. Making spreadsheet calculations. Using Luminia and periodical indexes.

RRM 1901. Freshman Seminar. 

In-depth study of issues/topics related to natural resources and the environment. Topics vary each semester.

RRM 1905. Freshman Seminar. 

In-depth study of issues/topics related to natural resources and the environment. Topics vary each semester.


Interaction of resource based tourism with cultural/natural environments. Impacts of tourism on environment.

RRM 3201. Introduction to Travel and Tourism. 

Travel/tourism is one of the world’s largest industries. Course introduces the nature, structure and complexity of the industry. Begins with overview of travel/tourism definition, evolution of travel/tours; problem and magnitude globally. Examine types and functions of various sectors, tourism distribution system and role of various stakeholders in creation/delivery of tourism. Explore motivations for travel as means of understanding demand for tourism.

RRM 4000H. Honors Seminar. 

Current research presented by faculty/students. Discussions, lectures.

RRM 4232W. Managing Recreational Lands. 

Recreation management tools from a public agency perspective. Social carrying capacity, recreation opportunity spectrum, limits of acceptable change, benefits based management, visitor experiences/ resource protection. Various projects. Group project to develop a management plan.

RRM 4293. Directed Study. 

Students select/conduct a study of or project on a topic of personal interest in consultation with faculty member. Documented by initial proposal and reports of accomplishment.

RRM 4801H. Honors Research. 

First semester of independent research project supervised by faculty member.

RRM 4802H. Honors Research. 

Second semester of independent research project supervised by faculty member.


Interaction of resource based tourism with cultural/natural environments. Impacts of tourism on environment.

RRM 5201. Introduction to Travel and Tourism. 


RRM 5232. Managing Recreational Lands. 

Recreation management tools from a public agency perspective. Social carrying capacity, recreation opportunity spectrum, limits of acceptable change, benefits based management, visitor experiences/resource protection. Various projects. Group project to develop a management plan.

RRM 5259. Visitor Behavior Analysis. 


Recreation, Park, and Leisure Studies (REC) 

College of Food, Agricultural and Natural Resource Sciences 

College of Education and Human Development 

School of Kinesiology 

Basic techniques; emphasis on social topology and evaluation methodology; survey of present status of recreation and park research and evaluation.

Recreation Programming. 

Various methods, skills, materials needed for planning, developing, implementing, evaluating professional recreation programs for diverse populations in various settings.

Recreation Services. 

Principles and practices of financing and managing leisure service agencies in the public and private sector.

Leisure and Human Development. 

Exploration of relevant issues concerning many roles of leisure in human development from influence on healthy fetal development to viability until death. Examination of diverse, multicultural perspectives on leisure, its centrality throughout history and influence on how civilizations define themselves.

Senior Internship in Recreation, Park, and Leisure Studies. 

Steps in planning and building facilities for athletics, physical education, and sport for college, professional, and public use.

Event Management in Sport. 

Historical development of recreational land policy in the United States and related contemporary issues in policy, management, interpretation, and research.

Foundations of Recreation. 

Investigation of the rational, sociological, psychological, and philosophical foundations of the recreational use of leisure in contemporary society. Includes a survey of leisure services.

Sports Facilities. 

Steps in planning and building facilities for athletics, physical education, and sport for college, professional, and public use.

Event Management in Sport. 

Historical development of recreational land policy in the United States and related contemporary issues in policy, management, interpretation, and research.

Commercial Recreation and Tourism. 

Scope and development of profit-oriented recreation agencies, including an emphasis on the tourism industry.

Introduction to Therapeutic Recreation. 

Purposeful intervention; roles of specialist/recreation therapists in meeting cognitive, physical, emotional, social needs of people with disabling conditions through recreation services; roles of specialist/recreation therapists changing societal attitudes toward illness and disability and the self-concepts of individuals with impairments.

Assess and Monitor Patient/Client Functioning in Recreation Therapy. 

Selecting appropriate techniques/tools, analysis of individual/patient's strengths/weaknesses. Monitoring/ recording progress in RT and in collaborative services: standard notes; team meetings; online reporting for quality assurance, referral, augmentation/termination of services.
Course Descriptions

REC 5221W. Comprehensive Therapeutic Recreation Services Development and Management. (4 cr. Prereq– 5221, rec grad student or #) Guided development of written plans including development of protocols and critical pathways, intervention programs/activities, individual treatment plans and standards for appropriate placement of individuals in custodial 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 relative to prevention of impairment/disability. Rehabilitation, support of vital life involvement, effect on design/development of recreation services.

REC 5271. Community Leisure Services for Persons with Disabilities. (3 cr. A-F only. Prereq–5101, Rec major or #) 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 5288. Grant Writing in Human Services. (3 cr. A-F only) Identify, develop, and procure financial assistance for programs in human services, including education, recreation, and social programs. Skills and strategies for preparing and evaluating competitive proposals for grant support through federal agencies and private foundations or corporations.

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. §KIN 5371. Prereq–5101, grad student or #) Sport, sporting processes, social influences, systems, and structures that have existed and exist within/among societies, nations, and cultures. Issues concerning social differentiation. Social concerns such as violence and honesty.

REC 5421. Sport Finance. (3 cr; A-F only. §KIN 5421. 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. On-line courses include sport theory/policy. Practical examples of sport management skills/strategies.

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

REC 5601. Sport Management Ethics and Policy. (3 cr; A-F only. §KIN 5601. Prereq–Grad student or #) Ethical concepts that underpin or inform sport policies. Evaluating sport policies from a normative point of view. Selected sport policy issues are used to illustrate relevance of ethical considerations in policy development, ethical implications of sport policy.

REC 5631. Programming and Promotion in Sport. (3 cr; A-F only. §KIN 5631. Prereq–KIN or Rec grad student or #) Introduction to marketing concepts as they apply to sport industry. Consumer behavior, market research, marketing mix, corporate sponsorship, licensing concepts. Discussion, practical application.

REC 5701. Positive Youth Development Programming. (3 cr; Prereq–Upper div undergrad or grad student or #) Youth development programming for out-of-school time. Philosophy/purpose of youth development programs. Principles/programmes for developing out-of-school time programs.

REC 5801. Legal Aspects of Sport and Recreation. (4 cr; A-F only. Prereq–5651 or 5641 or #) Legal issues related to recreation, park, and sport programs/services 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 professionals; 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. §KIN 5881. Prereq–4000 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 methods. Contemporary research questions, research designs/approaches.

REC 5992. Readings. Recreation. (1-3 cr [max 9 cr]) Prereq–REC major, #) Independent study under tutorial guidance by faculty member 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–4000 or grad student, #) Independent study of leisure service programs, systems, facilities, or policies. Focuses on conduct of recreation programs. Scholarly projects (e.g., library or field research) or demonstration projects.

Religions in Antiquity (RELA)

Department of Classical and Near Eastern Studies


REL 1031. Introduction to the Religions of South Asia. (3 cr) Historical study of the three traditional religions of India: Hinduism, Buddhism, and Jainism through historical, artistic, and literary sources. General topics include myth, yoga, mysticism, and the religious order of society.

REL 1034. Introduction to Jewish History and Civilization. (3 cr. §JWST 1034, JWST 3034, RELA 3034) Jewish history, society, and culture from Second Temple period (5th century BCE) to modern era as illuminated by literature, philosophy, art, film, music, religious law/custom, and artifacts of daily life. Emphasizes political, social, and cultural contexts that shaped development of Jewish ideas, practices, and institutions.

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


REL 1905. Freshman Seminar. (3 cr) Topics specified in Class Schedule.


REL 3034. Introduction to Jewish History and Civilization. (3 cr. §JWST 1034, JWST 3034, RELA 3034) Jewish history, society, and culture from Second Temple period (5th century BCE) to modern era as illuminated by literature, philosophy, art, film, music, religious law/custom, and artifacts of daily life. Emphasizes political, social, and cultural contexts that shaped development of Jewish ideas, practices, and institutions.


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


REL 3073. Roman Religion and Early Christianity. (3 cr. §CLAS 3073, JWST 3073, RELA 3073) First 500 years of Christianity, from Roman perspective. Historical and cultural background, the Church, and the Roman empire. Forming the canon. Contemporary methods of New Testament study.

REL A 3112. Jewish Mysticism, Magic, and Kabbalah. (3 cr; A-F only. §§JWST 3112, JWST 5112, RELA 5112) Mystical traditions from early rabbinic traditions to Zohar (Book of Splendor) in 13th century. Literature of heavenly ascent (Hechkhalot, Merkavah), Book of Creation (Sefer Yetzirah), precursors of Zohar. The Bahir. Schools of Provence, Gerona, and Zohar. Tension between legal/mystical aspects, magical techniques, evolution of doctrine of Sefirot, mystical interpretation of Scripture, erotic dimension.

REL A 3115. Mishnah and Midrash in Translation. (3 cr. §§JWST 3115, JWST 5115, RELA 5115) Jewish law studied as a mirror of society and as a way to actualize its value. Consideration of original socioreligious contexts and current applications. Selections include biblical interpretations addressing moral, theological, legal, and literary problems.


REL A 3251. Modern Study of the Old Testament. (3 cr. §ANE 3251. Prepro—Knowledge of Hebrew not 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.


REL A 3502. Ancient Israel: From Conquest to Exile. (3 cr. §§ANE 3502, CNES 5502, JWST 3502. Prepro—Hebrew not required, 3501 recommended) Israelite history in context of what is known from Egyptian, Canaanite, Mesopotamian sources. Focuses on issues raised by archaeological data related to Israelite conquest of Canaan.


REL A 3504. Development of Israelite Religion II. (3 cr. §ANE 3504, ANE 5504, RELA 5504) Ancient Judaism from the Persian restoration (520 B.C.E.) 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.

REL A 3535. Death and the Afterlife in the Ancient World. (3 cr. §§JWST 3535, CNES 5535, RELA 5535) Beliefs, attitudes, and behaviors related to death and afterlife found in cultures of ancient Mediterranean and Near East. Literature, funerary art/epitaphs. Archaeological evidence for burial practices and care of dead.

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


REL A 5070. Topics in Ancient Religion. (3 cr. [max 18 cr. §§JWST 5070, PREPA 3070 or 3072 or 3073 or 5073 or any REL 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 Class Schedule.

REL A 5071. Greek and Hellenistic Religions. (3 cr. §§JWST, CNES 5071, RELA 3071. Prepro—#) Greek religion from the Bronze Age to Hellenistic times. Sources include literature, art, and 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.


REL A 5112. Jewish Mysticism, Magic, and Kabbalah. (3 cr; A-F only. §§JWST 5112, JWST 5112, RELA 5112) Mystical traditions from early rabbinic traditions to Zohar (Book of Splendor) in 13th century. Literature of heavenly ascent (Hechkhalot, Merkavah), Book of Creation (Sefer Yetzirah), precursors of Zohar. The Bahir. Schools of Provence, Gerona, and Zohar. Tension between legal/mystical aspects, magical techniques, evolution of doctrine of Sefirot, mystical interpretation of Scripture, erotic dimension.

REL A 5115. Mishnah and Midrash in Translation. (3 cr. §§JWST 3115, JWST 5115, RELA 5115) Jewish law studied as a mirror of society and as a way to actualize its value. Original socioreligious contexts, current applications. Selections include biblical interpretations addressing moral, theological, legal, and literary problems.

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

REL A 5503. History and Development of Israelite Religion I. (3 cr. §§ANE 3503, ANE 5503, CNES 3503, CNES 5503, RELA 5503) Survey of the evolution of Israelite religion. Cultic practices, law and religion, prophecy, religion and historiography. Relationship to surrounding religious systems.

REL A 5504. Development of Israelite Religion II. (3 cr. §§ANE 3504, ANE 5504, RELA 5504) Ancient Judaism from the Persian restoration (520 B.C.E.) to Roman times (2nd century C.E.). Religious, cultural, and historical developments are examined to understand Jewish life, work, and worship under a succession of foreign empires: Persian, Greek, Roman.

REL A 5513. Scripture and Interpretation. (3 cr; A-F only. §§JWST 5513) Idea of divine revelation, its impact upon religion/literature. How history of Bible’s creation, transmission, and interpretation helps us think critically about role of idea of revelation in history of religious traditions. What is revelation? How does belief that a text is revealed affect the way it is read within the community for which it constitutes revelation?

REL A 5521. Theory and Method in the Study of Religion. (3 cr. Prepro—Sr or grad student or #) Fundamental theoretical/methodological issues pertaining to academic study of religion. Influential modern theories of origin, character, and function of religion as a human phenomenon, including psychological, sociological, anthropological, and phenomenological perspectives.

REL A 5535. Death and the Afterlife in the Ancient World. (3 cr. §§JWST 5535, CNES 5535, RELA 5535) Beliefs, attitudes, and behaviors related to death and afterlife found in cultures of ancient Mediterranean and Near East. Literature, funerary art/epitaphs. Archaeological evidence for burial practices and care of dead.

REL A 5993. Directed Studies. (2-4 cr. [max 10 cr]) Guided individual reading or study.

Course Descriptions

Religious Studies (RELS) Department of Classical and Near Eastern Studies College of Liberal Arts


Respiratory Care (RC)

**College of Continuing Education**


**RC 2021. Patient Care Techniques.** (2 cr; A-F only. Prereq–BAS respiratory care major) Fundamental practice attitudes, and competencies for all health care providers, including respiratory care. Communication skills, infection control, vital signs, patient assessment. General care techniques of respiratory/nursing personnel. Transfer of patients. Specialized care, including immobilized patients (e.g., mechanical ventilation).


**RC 3201. Cardiopulmonary Patient Assessment.** (4 cr; A-F only. Prereq–2210 or equivalent, BAS RC student) Patient assessment skills to interpret patient data. Chart record, interview, physical exam, medical lab data, pulmonary function reports, electrocardiogram, hemodynamic record, ventilator flow sheet, radiographic imaging. Introduction to cardiopulmonary diseases. Lab emphasizes role playing, practice exams, and assessment.

**RC 3301. Clinical Practice I.** (3 cr; S-N only. Prereq–BAS respiratory care major) Clinical rotations at Mayo Medical Center, Rochester. Nine intensive care units, operating room, emergency room, general floor care areas, pulmonary function labs, sleep disorders center, smoking cessation clinic, pulmonary rehabilitation program, home care, outpatient clinic. Supervised performance of procedures, diagnostic testing.

**RC 3302. Clinical Practice II.** (5 cr; S-N only. Prereq–3301, BAS respiratory care major) Continued clinical rotations at Mayo Medical Center. Nine intensive care units, operating room, emergency room, general floor care areas, pulmonary function labs, sleep disorders center, smoking cessation clinic, pulmonary rehabilitation program, home care, outpatient clinic. Adult, perinatal, and pediatric critical care.

**RC 3401. Seminar in Respiratory Care I: Case reports and Fundamentals of Research.** (1 cr; A-F only. Prereq–2210) Critical review of professional medical literature re scientific method and clear writing style. Patient cases for problems solving and critical thinking issues. Collaborative class research project leading to abstract submission. Weekly case conference (pulmonary/critical care medicine or combined critical care). Two-hour seminar.

**RC 3402. Seminar in Respiratory Care II: Case reports and Fundamentals of Research.** (1 cr; A-F only. Prereq–3401, BAS RC student) Weekly conferences and seminar of significant respiratory care cases in professional medical literature. Case reviews from standpoint of scientific method and clear writing style. Problem solving, critical thinking strategies. Collaborative class research project leading to submission of abstract.

**RC 3501. Advanced Cardiopulmonary Respiratory Physiology and Pathophysiology.** (3 cr; A-F only. Prereq–3201, BAS RC student) Physiology of cardiovascular/pulmonary systems. Adult, pediatric, and perinatal pulmonary and cardiac disorders. Emphasizes presenting assessment, lab evaluation, major pathology, pathophysiological manifestations, and treatment. Lab observation/measurement of normal and simulated abnormal cardiopulmonary physiology.


**RC 4201. Subspecialization in Respiratory Care: Advanced Perinatal and Pediatric Respiratory Care.** (2 cr; A-F only. Prereq–3102, BAS RC student) Role of perinatal/pediatric specialist as defined by National Board for Respiratory Care (NBRC). Literature on mechanical ventilation, monitoring applied. Emphasizes evidence-based care. Case studies of strategies for extended mechanical ventilation or long-term support.


**RC 4203. Subspecialization in Respiratory Care: Cardiopulmonary Rehabilitation, Disease Prevention, Case Mgmt.** (2 cr; A-F only. Prereq–3102, BAS RC student) Care for chronically ill patients with lung/heart disorders. Emphasizes respiratory care in the hospital, extended care, and the home. Clinical testing, exercise prescriptions, and practice guidelines for management. Case management and responsibilities unique to respiratory therapist. Preparation for role of certified asthma educator.

**RC 4301. Seminar: Research Project and Publication.** (2 cr; A-F only. Prereq–Respiratory care major) Students prepare a research project for submission, including assembling a poster, abstract, or manuscript of original research. Research mentors are assigned to allow guided independent study.

**RC 4406. Subspeciality Clinical Practicum in Advanced Respiratory Care I.** (3 cr; S-N only. Prereq–3302, BAS respiratory care major) Competencies in areas of advanced-level respiratory care, including clinical subspecialties and related areas important to respiratory care practitioner. A rotation is eight weeks/120 hours of directed clinical experience at facilities within Mayo Health System and UM-affiliated institutions. Maximum two rotations per semester.

**RC 4596. Subspeciality Clinical Practicum in Advanced Respiratory Care II.** (3 cr; S-N only. Prereq–3302, BAS RC student) Continued competencies in areas of advanced-level respiratory care, including clinical subspecialties and related areas important to respiratory care practitioner. A rotations is eight weeks/120 hours of directed clinical experience at facilities within Mayo Health System and UM-affiliated institutions. Maximum two rotations per semester.

**RC 4993. Directed Study.** (1-4 cr [max 24 cr]) Independent project. Topic arranged with and supervised by respiratory care faculty.

**Rhetoric (RHET)**

**College of Food, Agricultural and Natural Resource Sciences**

**RHET 1001. Introduction to Scientific and Technical Communication.** (2 cr; A-F only) Research origins/history. Defining technical communication in professional world. Focuses on audience, purpose, ethics, global communication, and collaboration. Journal articles, student/professional organizations, guest presentations, internships. Career assessment inventories, in-class/electronic discussions, oral presentations, feasibility report.


**RHET 1152W. Writing on Issues of Science and Technology.** (4 cr; A-F only. Prereq–Exemption from 1101 or equivalent) 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, COMM 1101H, PSTL 1461) Techniques for analyzing an audience, determining a purpose, developing an argument, and delivering a presentation. Emphasizes using presentations, basic communication theories.

**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.

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

RHET 1910W. Topics: Freshman Seminar. (3 cr. Prereq.–Fr) Topics vary.

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 3108. Gender and Ethnicity and the Rhetoric of Science and Technology. (3 cr. Prereq.–1111) 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 group 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.–1122 or equiv or Sr) Oral presentation skills for scientific or technical topics. Visual communication, audience analysis, organizing a presentation, presenting complex material. Emphasizes use of computers.


RHET 3270. Special Topics. (1-3 cr [max 3 cr]) See Class Schedule.

RHET 3291. Independent Study. (1-3 cr [max 3 cr]; Prereq.–Sr) Supervised reading and research on topics not covered in regularly scheduled offerings. Intended primarily for upper division undergraduate students.


RHET 3371. Technology, Self, and Society. (3 cr. Prereq.–1114 or Sr or grad student) Cultural history of American technology. Social values that technology represents in shift 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 questions our way of thinking.

RHET 3376W. 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 paintings with units on architecture, literature, film, and theater, as well as a consideration of philosophy and ethics in other disciplines.

RHET 3382W. War. (3 cr) Claim: If ethics (right/wrong) exist in war, then right/wrong exist everywhere. Students explore 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. (3 cr. Prereq.–Internet access including e-mail, [Netscape 3.0 or higher or equivalent]) 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 3441. Essentials of Grammar, Punctuation, and Style. (2 cr) Progressive online instruction, examples of concepts taught, immediate feedback, continual tracking of progress.

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 1152 or ENGC 1011 or equiv] or Sr or grad student) Written/oral communication in professional settings. Gathering information, analyzing audience, assessing conventional forms, evaluating emerging, revising documents. Oral presentation of final reports.

RHET 3577W. Rhetoric, Technology, and the Internet. (3 cr; A-F only, Prereq.–[1101 or equiv], [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. Visual Rhetoric. (3 cr; A-F only, Prereq.–[3562, STC major or grad student] or Sr) Rhetorical principles applied to visual presentation of information/data in print documents. Students create examples of visual communication and design select technical publications. Principles of technical writing.

RHET 3672. Project Design and Development. (3 cr; A-F only, Prereq.–[3562W, STC major or Sr]) Students study, plan, research, design, and develop technical communication print documents, including documentation, brochures, and test cases. Introduction to workplace project processes. Emphasizes developing production-quality documents.

RHET 3701W. Rhetorical Theory and Scientific and Technical Communication. (4 cr. Prereq.–[1101 or 1152 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 Sr) Introduces students to production 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 equiv] or Sr) 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. (1-3 cr [max 3 cr]; S-N only. Prereq.–STC major or Sr) 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 4258. 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 4431. Intersections of Scientific and Technical Communication and Law. (3 cr. Prereq.–[3562W, or Jr or Sr or grad student] or Sr) Areas of law relevant to work/interests of scientific/technical communicators. How emerging issues in science/technology are affecting 21st century practice of law. Ownership, access, ethics, information and technology used to frame major topics. Intellectual Property, privacy, health law, and research practice.

RHET 4561. Usability and Human Factors in Technical Communication. (3 cr. Prereq.–Sr or grad student or Sr) 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 grad student] or Sr) Editorial process, style, and ethics for technical subjects. Practice editing skills, cohesion, clarity, coherence, organization, and target audiences for print and online documents. Learn about the writer-editor relationship, mark-up language, electronic editing methods, techniques for editing illustrations and Web content, and copyright issues.

RHET 4562. Theory and Practice in International Business Communication. (3 cr. A-F only, Prereq.–[3562W or equiv]) Theories/practice in international communication, scientific, technical, and business communication. Cultural metaphors, research studies. Interviewing people from other cultures, including international business managers. Case studies.

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.
RHET 4662W. 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, feminism, 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 analyses, scripts, budgets, treatments, project-design plans, interactive screens. Online design project.

RHET 5196. Internship in Scientific and Technical Communication. (2-6 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.

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

RHET 5291. Independent Study. (1-3 cr [max 3 cr]. Prereq—#) Supervised reading/research on advanced projects not covered in regularly scheduled offerings.


RUSS 5531. Scientific and Technical Communication Course Development and Pedagogy I. (2 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. (1 cr; A-F only. Prereq—5531 or #) Mentor with faculty, usually concurrently with student’s first teaching assignment. Student 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 5664. Science Writing for Popular Audiences. (3 cr; A-F only. Prereq—RHET 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 5671. Visual Rhetoric. (3 cr. Prereq—JR or sr or grad student) Range/development of visuals, especially those in science/technology. Vocabulary for commenting on, criticizing, and creating visuals.


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 1304W. 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) 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 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 or equiv) 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. §RUSS 5211) Literary, cultural, and political significance of modern Russian literary works.

RUSS 3311. 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 [max 4 cr]; A-F only. Prereq—Credit will not be granted if credit has been received for RUSS 3311. RUSS 3312; Russ maj, #) Directed research/ writing in student’s chosen field.

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

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

RUSS 3409. 19th-Century Russian Novel. (3 cr. §RUSS 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. §RUSS 5411) Novels, stories, and miscellaneous writings of Fyodor Dostoevsky.

RUSS 3421. Literature: Middle Ages to Dostoevsky in Translation. (3 cr. §RUSS 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. §RUSS 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 [max 4 cr]. Prereq—#) Guided individual study.

RUSS 5021. Russia Study Tour. (6-18 cr [max 18 cr]. Prereq—3002 or equiv) Study of Russian language & 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. §RUSS 5211) Literary, cultural, and political significance of modern Russian literary works.

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

RUSS 5407. Stories and Plays of Anton Chekhov in Translation. (3 cr. §RUSS 5407) Study of literary devices and themes in selected stories and major plays using the intrapic approach.
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>RUSS 5409</td>
<td>19th-Century Russian Novel. (3 cr)</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>RUSS 5411</td>
<td>Dostoevsky in Translation. (3 cr)</td>
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<td>Novels, stories, and other writings of Fyodor Dostoevsky.</td>
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<tr>
<td>RUSS 5421</td>
<td>Literature: Middle Ages to Dostoevsky in Translation. (3 cr)</td>
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<td>Russian literature from about 1000 A.D. to mid-19th century; emphasizing writers of the first half of the 19th century.</td>
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<tr>
<td>RUSS 5422</td>
<td>Literature: Tolstoy to the Present in Translation. (3 cr)</td>
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<td>Survey of Russian literature from mid-19th century to the present: realism, modernism, feminism and other trends.</td>
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<tr>
<td>RUSS 5601</td>
<td>Methods of Translating Fiction from Russian to English. (3 cr)</td>
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<td>Learning to appreciate a variety of literary styles through the experience of translation.</td>
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<tr>
<td>RUSS 5900</td>
<td>Topics in Russian Language, Literature, and Culture. (1-4 cr [max 3 cr])</td>
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<td>Prereq–1102 for language topics Variable topics in Russian language, literature, and culture.</td>
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<tr>
<td>RUSS 5993</td>
<td>Directed Readings. (1-4 cr [max 16 cr])</td>
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<td>Prereq–#., A, J Guided individual study.</td>
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<tr>
<td>SKT 5001</td>
<td>Beginning Sanskrit. (3 cr)</td>
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<tr>
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<td>Introduction to the classical language of ancient India.</td>
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<tr>
<td>SKT 5002</td>
<td>Beginning Sanskrit. (3 cr)</td>
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<td>Prereq–5001 or equiv Introductory course to Sanskrit.</td>
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<tr>
<td>SKT 5201</td>
<td>Intermediate Sanskrit. (3 cr)</td>
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<td>Prereq–5002 or equiv Readings in Sanskrit literature.</td>
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<tr>
<td>SKT 5202</td>
<td>Intermediate Sanskrit. (3 cr)</td>
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<td>Readings in Sanskrit literature.</td>
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<tr>
<td>SKT 5710</td>
<td>Topics: Language and Literature. (3 cr)</td>
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<td>Selected reading and/or study of linguistic problems in Sanskrit.</td>
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<tr>
<td>SKT 5992</td>
<td>Directed Readings. (3 cr)</td>
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<td>Prereq–5202 or equiv Guided individual reading or study.</td>
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<tr>
<td>SCAN 3001</td>
<td>Readings in Scandinavian Languages. (4 cr)</td>
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<td>Prereq–[DAN or Nor or SWED]0104 or 4004 or #] Reading/composition in Danish, Norwegian, and Swedish for advanced proficiency. Introduction to differences between the three languages.</td>
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<tr>
<td>SCAN 3001W</td>
<td>Scandinavian Culture Past and Present. (3 cr)</td>
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<td>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.</td>
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<tr>
<td>SCAN 3052</td>
<td>Scandinavian Myths. (3 cr)</td>
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<td>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.</td>
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<tr>
<td>SCAN 3053</td>
<td>Scandinavian Folklore. (3 cr)</td>
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<tr>
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<td>Literary and folkloristic investigation of Scandinavian folklore and legends. Readings in translation for nonmajors.</td>
</tr>
<tr>
<td>SCAN 3054</td>
<td>The Immigrant Experience. (3 cr)</td>
</tr>
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<td>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, Rolvaag, Ager, and other pioneers. All readings in translation.</td>
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<tr>
<td>SCAN 3055</td>
<td>Scandinavian Fiction From 1890 to Present. (3 cr)</td>
</tr>
<tr>
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<td>Modernity’s search for new forms to represent changing historical situations. Ibsen, Strindberg, Hamsun, Selma Lagerlöf, Hjalmar Bergman, Pär Lagerkvist, Karen Blixen, Moa Martinson, Tarjei Vesaas, Edith Södergran, Ingram Bergman, Lars Gustafsson. All readings in translation.</td>
</tr>
<tr>
<td>SCAN 3061</td>
<td>Great Literary Works of Scandinavia. (3 cr)</td>
</tr>
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<td>Major literary works from the Middle Ages to the present. Readings in translation.</td>
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<tr>
<td>SCAN 3062</td>
<td>The Literary Fairy Tale in Scandinavia. (3 cr)</td>
</tr>
<tr>
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<td>Examples of literary fairytales from Scandinavia, especially Hans Christian Andersen. Readings in translation for non-majors.</td>
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<tr>
<td>SCAN 3065</td>
<td>The Scandinavian Short Story. (3 cr)</td>
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<td>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.</td>
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<tr>
<td>SCAN 3062</td>
<td>Images of Scandinavia in Art, Film, and Literature. (3 cr)</td>
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<td>Images of Scandinavia(n)s in art, film, and literature by both Scandinavians and foreigners. Images of self-knowledge, self-revelation, and otherness. Representative photos and videos of people, locations, and styles. Readings in English.</td>
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<tr>
<td>SCAN 3063</td>
<td>Children’s Literature in Scandinavia. (3 cr)</td>
</tr>
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<td>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.</td>
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<tr>
<td>SCAN 3068</td>
<td>Scandinavian Drama. (3 cr)</td>
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<td>Study of representative plays by Henrik Ibsen, August Strindberg, Hjalmar Bergman, Pär Lagerkvist, Nordahl Greig, Kjeld Abell, and Ingram Bergman in the context of modern theater with emphasis on politics and society. All readings in translation.</td>
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<tr>
<td>SCAN 3069</td>
<td>Travel in Literature. (3 cr)</td>
</tr>
<tr>
<td>SCAN 3070</td>
<td>Scandinavian Women Writers. (3 cr)</td>
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<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>SCAN 3070</td>
<td>Topics in Scandinavian Studies. (3 cr)</td>
</tr>
<tr>
<td></td>
<td>Topics 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.</td>
</tr>
<tr>
<td>SCAN 3993</td>
<td>Directed Studies. (1-4 cr [max 12 cr])</td>
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<td>Prereq–#, A, J Guided individual reading and study.</td>
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<tr>
<td>SCAN 4602</td>
<td>Fiction and Film. (3 cr)</td>
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<td>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, Isen, Strindberg, Axel, Bergman, Dreyer and Losey.</td>
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<tr>
<td>SCAN 4614</td>
<td>Introduction to Kierkegaard. (3 cr)</td>
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<td>The literary, philosophical, theological, and psychological dimensions of Kierkegaard’s work. Kierkegaard’s influence on 20th-century culture in general and existentialism in particular. Analyzes and discussion of selections from Kierkegaard’s entire oeuvre. Readings in English.</td>
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<tr>
<td>SCAN 5001</td>
<td>Scandinavian Mythology. (3 cr)</td>
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<td>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.</td>
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<tr>
<td>SCAN 5002</td>
<td>The Icelandic Saga. (3 cr)</td>
</tr>
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<td>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.</td>
</tr>
<tr>
<td>SCAN 5061</td>
<td>Contemporary Scandinavian Literature. (3 cr)</td>
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<tr>
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<td>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.</td>
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<tr>
<td>SCAN 5065</td>
<td>Ibsen and the Beginnings of Modern Drama. (3 cr)</td>
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<td>Close reading of Ibsen’s modern tragedies, from A Doll’s House (1879) to When We Dead Awaken (1899). Focus is on the dialogues between Ibsen and his society, and dramatic structure and staging conventions in the context of modern theater. Readings in English for nonmajors.</td>
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<tr>
<td>SCAN 5066</td>
<td>STRINDBERG and the Drama in Revolt and Change. (3 cr)</td>
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<td></td>
<td>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.</td>
</tr>
<tr>
<td>SCAN 5070</td>
<td>Old Norse Language and Literature. (3 cr)</td>
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<td>Acquisition of a reading knowledge of Old Norse; linguistic, philological and literary study of Old Norse language and literature.</td>
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<tr>
<td>SCAN 5074</td>
<td>History of the Scandinavian Languages. (3 cr)</td>
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<tr>
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<td>Investigation of the development of the Scandinavian languages from the earliest periods to the present.</td>
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</table>
Course Descriptions

SCAN 5710. Topics in Old Norse Literature. (3 cr [max 9 cr]. Prereq–5701 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]. Prereq–#). A, D) Guided individual reading and study.

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 Education and Human Development


SW 1905. Freshman Seminar. (1-3 cr [max 6 cr].) Prereq–Fr.) Interdisciplinary seminar. Topics specified in Class Schedule.

SW 2501W. Introduction to Social Justice. (3 cr.) Meanings of social justice. Ways in which social justice advocates work for social change. Focuses on three areas: criminal justice, globalization, and social welfare. Students do service learning in a social justice organization.

SW 3051. Cultural Diversity and the Helping 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 3701. Introduction to Child Maltreatment and Family Violence. (3 cr.) Family violence across lifespan. History, current theories, research, and policies in child maltreatment and family violence. Theories, research, and policies on violence against women (battering, sexual assault, stalking), child maltreatment (physical/sexual abuse, emotional abuse, neglect), and abuse of vulnerable adults (elderly, non-elderly vulnerable populations).

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 3810. Special Topics. (1-4 cr [max 10 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) Prereq–4001 or #) 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].) Prereq–#) Guided individual reading or study related to social issues, social work methods, or social work history.

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

SW 5051. Human Behavior and the Social Environment. (2-3 cr [max 3 cr]; A-F only) Prereq–Grad student or 8 cr social sciences or 8 cr. 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 social systems such as the multigenerational family, culture, community, and society.

SW 5052. Ecologies of Child Development Within Communities of Color. (3 cr. Prereq–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 [max 4 cr]; A-F only) Prereq–Grad or 8 sem cr of social sciences) Contemporary policies and programs in social welfare are examined in light of their historical origins and evolution. 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 Welfare Policy. (3 cr. §) PA 5411. Prereq–Grad or #) Examine 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 policy.

SW 5309. Case Management with Special Populations. (3 cr. Prereq–Grad or non-degree-seeking student 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. Prereq–Grad or non-degree-seeking student 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. Prereq–Grad or non-degree-seeking student 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. Prereq–Grad or non-degree-seeking student 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. §SW 5305. Prereq–5305; grad or non-degree-seeking student 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. Prereq–Grad or non-degree-seeking student 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. §PA 5314. Prereq–§: 5314; grad or non-degree-seeking student or #) Ecological, multisystem 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. Prereq–Grad or non-degree-seeking student 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. Prereq-Bachelor’s degree or #) Foundation of research methodology 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. Prereq-58519) Develop mediator skills for making informed decisions regarding the appropriateness of mediation for conflicts that frequently confront social workers 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-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. Prereq-§ 5707; grad student or adult special #) Prevention/intervention with perpetrators, survivors, and social institutions. Perpetration, effects on victims, interventions and 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. Prereq-§ 5705; grad or non-degree-seeking student 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 non-degree-seeking student 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, cocaine, and marijuana. 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 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. Prereq-§ 8801, grad student or non-degree seeking student or #) Acquire knowledge base and develop skills required to identify ethical issues, resolve ethical dilemmas, and make ethical decisions in 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 1001. Introduction to Sociology.** (4 cr. §SOC 1011V, SOC 1012W) 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 1011H. Honors: Introduction to Sociology.** (4 cr. §SOC 1001, SOC 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 1905. Freshman Seminar.** (3 cr. Prereq-Freshman or less than 30 credits) Topics specified in Class Schedule.

**SOC 3003. Social Problems.** (3 cr. A-F only; Prereq-1001 or #) Analysis of major 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.** (3 cr. Prereq-[1001, soph or above] or #; Soc majors must register A-F) Topics specified in Class Schedule.

**SOC 3093. Directed Study.** (1-4 cr [max 4 cr]; Prereq-1001, #, A) Guided individual reading or study at the sophomore level.

**SOC 3094. Directed Research.** (1-4 cr [max 4 cr]; Prereq-1001, #) Guided research experience at the sophomore level.

**SOC 3101. Introduction to the American Criminal Justice System.** (3 cr; A-F only) 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. Prereq—Soc majors must register A-F) Issues in scientific criminology 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 historical experiences 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. §GWST 3201) 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. §SART 3251W) 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. Politics and Society.** (3 cr; A-F only. Prereq-1001 or #) Ideas of citizenship. Relationship between politics and society. Public sphere and civil society. Research practicum volunteering at a policy-relevant site using participant observation methods.

**SOC 3322W. Social Movements, Protests, and Change.** (3 cr. Prereq-1001 or #) Origins, dynamics, and consequences of social movements. Challenges facing movement organizations. Relationship between movements and political institutions. Role of movements in bringing about social change. Theoretical issues, case studies.

**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 3421W. Sociology of Work.** (3 cr; A-F only. Prereq—1001 or #) Overview of sociological theories and empirical research in study of work. Focuses on work in contemporary American society. History, nature, and organization of work and the U.S. economy. Social aspects/consequences of work for individuals of various races, ethnicities, genders, and ages. Current topics.


SOC 3501. Sociology of Families. (3 cr. Prereq–1001 or #) Families in contemporary American society. Historical/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, natural resources, fertility/mortality in less developed nations, population dynamics/forecasts, policies to reduce fertility.

SOC 3613W. Food, Culture, and Society. (3 cr) Food issues from a sociological perspective. Cross-cultural differences in how groups/societies think about and relate to food.

SOC 3661. Japan and the U.S.: Tides of Change in Race, Class, and Gender. (3 cr; A-F only. Prereq–1001 or courses on or about 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 3701. Social Theory. (4 cr; A-F only. Prereq–1001 or #) Traditions of sociological 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 #) How and why social organization is possible. Concepts and theories of social structure, primary and secondary 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 0371 or intermediate algebra or #) 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 3909. Topics in Sociology. (3 cr. Prereq–[1001, soph or above] or #; Soc majors must register A-F) Topics specified in Class Schedule.

SOC 4093. Directed Study. (1-4 cr; max 12 cr. Prereq–A, Jr) Guided individual research or study at junior or senior level.

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

SOC 4101W. Sociology of Law. (5 cr; A-F only. Prereq–1001 or 3101 or 3102 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 4102. Criminology. (3 cr; A-F only. §SOC 4103. Prereq–3101 or 3102 or # or #) Nature/types of crime. Problems in measuring incidence/trends. Review of sociological theories of crime causation. Implications for crime prevention/ control.


SOC 4105. Sociology of Punishment and Corrections. (3 cr; A-F only. Prereq–3101 or 3102 or # 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 4108. Current Issues in Crime Control. (3 cr) 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 4109. Domestic Criminal Violence. (3 cr. Prereq–3101 or 3102 or # or #) Survey of research on family violence within criminological framework. Definition of domestic violence. Empirical/crime theoretical approaches. Response of social control agencies.

SOC 4111. Deviant Behavior. (3 cr; A-F only. Prereq–3101 or 3102 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 #) 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 #; [4616, 4622] recommended) Police organizations/operations from social science perspective. Formal/informal policing: role/functions, legal bases, accountability/restraints, community relations, use of force, illegal practices.

SOC 4135. Sociology of White-Collar Crime. (3 cr. Prereq–3101 or 3102 or 3111 or #; Soc majors A-F only) Causes/consequences of white-collar crime. Control issues, including public perception, legislation, criminal law reform, legal protection, 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 # or #) Prereq–3101 or # or 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, pretrial 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 # or #) Sociological theory/research related to definitions/origins. Epidemiology, reaction patterns, use of mental health services.

SOC 4148. Criminal Psychopathology. (3 cr. Prereq–5 or grad; grad students only may enroll 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–5 or grad; students only may enroll 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 4151. 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 freed of unnecessary government intrusion.

SOC 4163. International Law and Cultural Change. (3 cr. A-F only. Prereq–1001 or 3101 or 3102 or #) In a globalized world, which cultural values/practices take precedence? Which are criticized, altered, eliminated? What role does international law play in these processes? Immigration, terrorism, Americanization, structure of international legal system.

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 4190. Topics in Sociology With Law/Criminology/Deviance Emphasis. (3 cr. Prereq–1001 or #) Topics specified in Class Schedule.

SOC 4246. Sociology of Health and Illness. (3 cr; A-F only. Prereq–1001 or environmental course or #) Health/illness in context 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 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.
Defining research problem. Collecting/selecting data.

Global theories that have been developed to address issues of German society.

Methods about naturalness of various sexual phenomena. How behaviors and identities. Taken-for-granted beliefs.

Comparative analysis of selected societies. Application of comparative methods to explain differences, similarities in social structure, development, trends. Topics include, social class, status, political economy, policies, social movements, ethic identities, multiculturalism, demography. Methods include network models, Boolean analysis.

The making of German society; institutions in cross-national comparison (including family, education, welfare state, social movements, law); and current issues of German society.

Key changes in cultural life in the United States and internationally. Theories that have been developed to understand them. Topics may include work, family, social movements, media and popular culture, and politics.

Defining research problem. Collecting/selecting data, theories, the family, and sexuality.

Globalization of organizations, political relations, and culture. Dependency and world systems theories. Growth of international nongovernmental organizations and their impact on state policies and civil society. Expansion of international norms governing nation-state behavior. Globalization of popular culture (e.g., movies, computer games). Effects on societies/individuals.

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 4461. Sociology of Ethnic and Racial Conflict. (3 cr. Prereq–1001 or #)


SOC 4521. Love, Sex, and Marriage. (3 cr)


SOC 4551. Sociology of Sexualities. (3 cr. Prereq–1001 or #; soc majors must register A-F)

Social scientific approaches to sexual attitudes, behaviors and identities. Taken-for-granted beliefs about naturalness of various sexual phenomena. How social factors shape people’s sexual lives. Focuses on diversity of thought, behavior, and lived experience of individuals with regard to sexuality.

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, trends. Topics include, social class, status, political economy, policies, social movements, ethnic identities, multiculturalism, demography. Methods include network models, Boolean analysis.

SOC 4681. 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. Contemporary American Culture. (3 cr. Prereq–1001 or #)

Key changes in cultural life in the United States and internationally. Theories that have been developed to understand them. Topics may include work, family, social movements, media and popular culture, and politics.

SOC 496W. Major-Project Seminar. (4 cr; A-F only. Prereq–3701, 3801, 3811, 12 cr upper div sociology, A) Analyzing data. Writing report.
Course Descriptions

SOIL 5611. Soil Biology and Fertility. (3 cr. Prereq–2125, BIOL 1009 or equiv, CHEM 1021 or equiv, Sr or grad; BIOL 300x, MICS 330x recommended.) Soil microbial populations and biodiversity. Soil microorganisms. Biogeochemical cycles. Macronutrient and micronutrient fertilization, and element function in plants and microbes. Composts, sludges and manures in fertilization. Plant microbe associations: nitrogen fixation, mycorrhizal fungi, and biochemical control of root pathogens. Pollution and bioremediation.

SOIL 5711. Forest Soils. (2 cr. Prereq–1125 or 2125) Factors affecting tree growth; estimation, modification, and management effects on site productivity; regeneration.

South Asian Languages and Cultures (SALC)

Department of Asian Languages and Literatures

College of Liberal Arts

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 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 3204. 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 inter-relationship with literary traditions, both great and small.

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 concept. 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. §§SALC 5456) 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. §§SALC 5521) Character of Gandhi, his influence over contemporaries, and his hold on the world today.

SALC 3556. Women in India: Role and Repression. (3 cr. §§SALC 5556) 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 3900. Topics in South Asian Literature. (1-4 max 12 cr) Prereq—Topics in South Asian Literature) Topics specified in Class Schedule.


SALC 5090. Introduction in South Asian Languages. (3 cr. §SALC 3456) Individualized instruction in one or 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 inter-relationship 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. §§SALC 5413) Historical account of Buddhist religion in terms of its rise, development, various schools, and common philosophical concept. Indian Buddhism, compared with Hinduism; Buddhism’s demise and revival on the Indian subcontinent.

SALC 5414. Comparative Religions of South Asia. (3 cr. §§SALC 5414) 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. §§SALC 5456) Survey of cinema of South Asia; aesthetic, social, economic, and political perspectives.

SALC 5500. Problems in Indian Philosophy. (3 cr. §§SALC 5500) Compares and contrasts basic philosophical concepts, literatures, ideologies, and ritualistic practices of Hinduism, Buddhism, and Jainism with those of Islam and Sikhism.

SALC 5556. Women in India: Role and Repression. (3 cr. §§SALC 5556) Representation of Indian women studied through literature of contemporary Indian women and against background of traditional Indian values and roles.

SALC 5710. Seminar in South Asian Languages. (4-5 cr. max 5 cr) Selected topics on South Asian languages; no knowledge of South Asian languages required.

SALC 5720. Seminar in South Asian Literature. (3-4 cr. max 4 cr) Selected topics on South Asian literature.

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

SALC 5933. 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. [max 5 cr.) Prereq—#, A, L. 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. [max 5 cr.) Prereq—# A, L. 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 144. Intermediate Medical Spanish. (0 cr; S-N only. Prereq—1st yr college-level Spanish or equiv.) A vocabulary of Spanish medical terms, skills in report writing, proper format for medical communications. Developing conversational fluency for medical-related topics.

SPAN 221. 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 344. Advanced Medical Spanish. (0 cr; S-N only. Prereq—Span 0144, 2 yrs. Spanish College Level or equiv. A vocabulary designed to further develop and strengthen the language skills and cultural awareness students have been exposed to and acquired in Intermediate Spanish 0144, a course designed to help care professionals communicate with patients who speak Spanish.


SPAN 1014. Business Spanish. (4 cr. §§SPAN 1004, SPAN 1044. Prereq—1003 or (L, #) 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 3972W. Honors: Graduation Seminar. (3 cr; A-F only. §SPAN 3972W. Prereq.—§: 3972W, 3974; 31 cr of 3xxx, honors, or #) Work on major project about Hispanic linguistics, language acquisition, or cultural studies, or about peninsular or Latin American or U.S. Latino theatre/literatures.

SPAN 3972W. Graduation Seminar. (3 cr; A-F only. §SPAN 3972W. Prereq.—§: 3972W, 3974; 31 cr of 3xxx, #) Work on major project about Hispanic linguistics. Language acquisition. Cultural studies. Peninsular, Latin American. U.S. Latino theatre/literatures.

SPAN 5106. The Literature of the Reconquest and Feudal Spain. (3 cr. Prereq.—Three 3xxx or 5xxx 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 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 3xxx or 5xxx 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 Quijote. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Analysis of Cervantes’ Don Quijote 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 3xxx or 5xxx 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 (1780-1845), 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 3xxx or 5xxx literature courses in Spanish or Portuguese) Theory and representative examples of the realist/naturalist novel (Galdós, Pardo Bazán) in the context of its antecedents ("costumbrismo"), opposes the realistic/sentimental novel, and the turn-of-the-century innovations of modernism and the "generation of 1898."

SPAN 5111. Contemporary Spanish Literature Since 1915. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Major literary works and movements in Spain from 1915 to 2000. Neo-modernism; surrealism; modernism; post-modernism. Poetry, novel, drama, essays, film, video/TV; problems of literary history.

SPAN 5221. Spanish Drama in Performance: 17th-Century Comedia. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Major dramatists of the Spanish comedia (e.g., Cervantes, Lope, Tirso, Calderón). Traditional genres such as tragedy, farce, interludes or autos sacramentales and problems of honor, blood purity, free will, city vs. country, and poetic justice examined against the background of cultural and social.

SPAN 5234. Feminism and Literature in Spain. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Spanish feminist thought and practice: literature, cultural discourse, literary and critical theory.

SPAN 5316. Spanish Picaresque Narratives. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Major picaresque narratives—Lazarrillo, Guzmán, Buscón, Cervantes’ Picaro, Estebanillo González—in relation to Spanish ambience, Western tradition, European novel, realism. Literary autobiography, episodic structure, themes of roguery, delinquency, sin, marginality, social criticism, moral preoccupations. Comparison to European counterparts.


SPAN 5528. Popular Literary Consciousness: 1900–1950. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Spanish-American literature between the eve and aftermath of the two world wars. Impact of modernization, industrialization, and nationalistic and populist thought on emergence of distinctive writing, thematic trends, and literary genre conventions.

SPAN 5529. National Affirmation and Transnationalization. (3 cr. Prereq.—Three 3xxx or 5xxx 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 3xxx or 5xxx literature courses in Spanish or Portuguese) Interdisciplinary approach providing a framework for deconstructing issues of national identity, marginalization, and gender. U.S. Hispanic 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 3xxx or 5xxx literature courses in Spanish or Portuguese) Literary reaction to contemporary structural changes in world economic system (1970 to present). Effects on literature as institution. Texts related to revolutionary trends and social movements (feminism, theology of liberation, defense of human rights).

SPAN 5985. Sociolinguistic Perspectives on Spanish in the United States. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) 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 5990. Directed Research. (1-4 cr; A-F only. §SPAN 5990. 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.

SPAN 5995. Sociolinguistic Perspectives on Spanish in the United States. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Socio-linguistic 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 5990. Directed Research. (1-4 cr; A-F only. §SPAN 5990. 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.

SPAN 5995. Sociolinguistic Perspectives on Spanish in the United States. (3 cr. Prereq.—Three 3xxx or 5xxx literature courses in Spanish or Portuguese) Socio-linguistic 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.
Spanish and Portuguese (SPPT)
Department of Spanish and Portuguese Studies

College of Liberal Arts

SPPT 5930. Selected Topics in Hispanic and Lusophone Cultural Discourse. (3 cr. [max 9 cr.]; A-F only. Prereq.–Reading knowledge of Spanish and Port) Cultural discourses in Spanish- and Portuguese-speaking areas. Historical intersections/divergences. Taught in Spanish or Portuguese, and in English when cross-listed. Topics specified in Class Schedule.

SPPT 5999. The Teaching of College-Level Spanish: Theory vs. 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 (SLHS)
College of Liberal Arts

SLHS 1301V. Physics & Bio Honors. (4 cr; A-F only) Physics/biology of spoken language, from talker’s production of sounds/words, to transmission of sound, to listener’s perception of what was said. Computer analysis/synthesis of speech.

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 person/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. (3 cr. §SLHS 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 1902. Freshman Seminar. (3 cr; A-F only. Prereq.–Freshman) Topics vary. See Class Schedule.

SLHS 1905. Freshman Seminar. (3 cr; A-F only)

SLHS 3301. Introduction to Acoustics. (3 cr) Elements of acoustics 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 systems with emphasis on normal communication processes.


SLHS 3305W. Speech Science. (4 cr. Prereq.–[3301, 3302, 3303] or [CDis 3301, CDis 3302, CDis 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 [CDis 3301, CDis 3302 or #]) Theories, methods, and research in psychological/physiological acoustics. Emphasizes relationship between physiological measures and perception. Cochlear mechanics, auditory nerve firing patterns, scaling, object perception.

SLHS 3401. Communication Differences and Disorders. (3 cr. §SLHS 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; S-N only. Prereq.–Grad or SLHS major) Seminar for completion of undergraduate major project.

SLHS 3555H. Honors Thesis. (1-2 cr [max 2 cr]; A-F only. Prereq.–See dir of undergrad studies for [thesis adviser, forms]) Research/writing under direction of faculty. Details of work are determined in consultation with faculty thesis adviser selected based on availability/topic.

SLHS 3900. Topics: Speech-Language-Hearing Sciences. (1-3 cr [max 3 cr])

SLHS 3994. Directed Research. (1-12 cr [max 24 cr]) Prereq.–Undergrad doing research.

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 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 lifespan in context of cultural/linguistic diversity.

SLHS 4602. Communication and Problem Behavior. (3 cr) Social/environmental variables on young children’s propensity for problem behavior. Communication strategies that have been validated as a component in reducing problem behavior.

SLHS 4801. Hearing Measurement and Disorders. (3 cr. Prereq.–[3301, 3302] or [CDis 3301, CDis 3302 or #]) Introduction to theory, administration, and interpretation of behavioral/physiological hearing tests for all age groups. Immitant, pure tone, speech, otoacoustic emissions, evoked potential measures. Emphasizes hearing-screening protocols.

SLHS 4802. Rehabilitative Audiology. (3 cr. Prereq.–[3305, 4801] or [CDis 3305, CDis 4801 or #]) Survey of sensory aids used in rehabilitation across life span after diagnosis of hearing loss. Degree of hearing loss, developmental level, communication modalities, client/family choice, disability, cultural considerations.


SLHS 5401. Counseling and Professional Issues. (3 cr. Prereq.–[3170 or 4882 or grad student] recommended) Basic counseling principles and current professional issues in communication disorders. Application of counseling theory to clinical practice. Analysis of regulation, practice, and future direction of communication disorders.

SLHS 5402. Assessment and Treatment in Speech-Language Pathology. (3 cr. A-F only. Prereq.–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.–Grad student 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 [CDis 3305, CDis 4301 or #]) Normal/disordered aspects of voice and resonance. Organic/functional voice disorders, laryngectomy, cleft palate. Nature and clinical management of these disorders.

SLHS 5503. Dysphagia and Motor Speech Disorders. (3 cr. Prereq.–[3305, 4301] or [CDis 3305, CDis 4301 or #]) Nature/management of motor speech disorders in adults/children. Dysarthria, apraxia.

SLHS 5603. Language and Cognitive Disorders in Children. (3 cr. Prereq.–[3305 or CDis 3305] or equiv or grad student or #) Language 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] or [CDis 3302, CDis 4301 or #]) Neurogenic communicative 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. (3 cr. Prereq.–[3302, 4301] or equiv or grad student or #) Description of the range of augmentative and alternative communication applications for persons with developmental and acquired disabilities.

SLHS 5607. Electronic Communication Aids. (3 cr. Prereq.–[5600 or #])

SLHS 5608. Clinical Issues in Bilingualism and Cultural Diversity. (3 cr. Prereq.–[3303 or equiv or #]) Topics in cultural diversity, bilingualism, and second language learning needed for clinical competency in speech-language pathology. Basic/applied issues across a broad range of culturally/linguistically diverse populations.

SLHS 5801. Audiologic Assessment I. (3 cr. Prereq.–4801 or 4801 cr) Basic audiometric battery, including pure tones, speech, masking, and immittance in adults. Industrial audiology, otoacoustic emissions.
SLHS 5802. Hearing Aids I. (3 cr. Prereq—[3305, 4801] or [CDis 3305, CDis 4801] or #) Survey of modern hearing aids including history of development, electroacoustic functions, clinic and laboratory measurement techniques, sound field acoustics, techniques for selection.

SLHS 5803. Hearing Loss in Children: Diagnosis. (3 cr. Prereq—[4801] or CDis 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 4801, CDis 5801, CDis 5802] or #) Implantable auditory prostheses. History of device development, including cochlear implants and auditory brainstem implants. Signal processing. Techniques for selection, fitting, and rehabilitation. Behavioral/physiological changes across lifespan.


SLHS 5806. Auditory Processing Disorders. (2 cr; A-F only. Prereq—[4802 or CDis 4802] Normal/disordered auditory processing abilities. Anatomy/physiology of central auditory pathway, assessments to evaluate auditory processing skills, techniques to address auditory processing weaknesses. Current/historical theories/controversies surrounding auditory processing assessment.


SLHS 5808. Hearing Disorders. (3 cr. A-F only. Prereq.—[8801, 8802] or [CDis 8801, CDis 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 CDis 4901]) 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. (1-16 cr [max 6 cr]; S-N only, Prereq—4801 or CDis 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/clinical education.


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 Human Education and 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 major 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 or Kin or Rec major or #) Introduction to historical discovery, transitional development, and current application of scientific principles/technology to improvement of sport performance.

SPST 3143. Organization and Management of Sport. (3 cr, A-F only. §KIN 3143. Prereq—SPST major) Principles, policies, and procedures involved in the administration and management of sports programs at the interscholastic and intercollegiate levels.

SPST 3301. Gender and Diversity in Sport. (2 cr; A-F only. Prereq—1701) Development of women and girls in sport; minority involvement and influence in sport and legal mandates; sexuality issues; feminism and political issues in sport.

SPST 3421. Business of Sport. (2 cr; A-F only. Prereq—SPST or Kin or Rec major or #) Economic/business aspects of professional, collegiate, school-based and amateur sport. Financing issues/methods. Economic impact of sport on communities, regions, and states. Sport/leisure market.

SPST 3501. Sport in a Diverse Society. (3 cr; A-F only. Prereq.—SPST major only) Relationship between sport and contemporary social institutions (politics, 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 major only; 3611 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 major 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 or Kin or Rec major or #) Psychological theories/techniques as they apply to sport performance and personal growth of sport participants.

SPST 3631. Sport Promotion and Programming. (3 cr; A-F only. Prereq.—SPST major or #) Fundamental theories/issues in sport marketing, grounded within traditional marketing principles. Emphasizes unique application to sport business industry.

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/precription.

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

SPST 3881.W. 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 1905. Freshmen Seminar. (3 cr [max 6 cr]; A-F only) Topics specified in Class Schedule.


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. §SANS 2211, STAT 5021. Prereq—§. 5011; College algebra or #; Stat course recommended) Intensive introduction to statistical methods for graduate students needing statistics as a research technique.

STAT 5031. Statistical Methods for Quality Improvement. (4 cr. Prereq—[5021 or 5022 or 4102 or 5021 or 5102 or 8102]) Random variability/sampling. Controlling statistical process. Shewhart/accumulative charting. Analyzing plant data, trend surface, and variance/design of experiments.
Studies in Cinema and Media Culture (SCMC)

Department of Cultural Studies and Comparative Literature

College of Liberal Arts

SCMC 1201, Introduction to Cinema and Media Culture. (4 cr. §CSCL 1201. Prereq–§: CSCL 1201) Critical analysis of films, particularly as they emerge within context of mass culture. Determining discursive specificity of cinema, network of institutions that expose this discourse to other media discourses. Rudiments of film theory. Brief engagement with production.

SCMC 3001W. History of Cinema and Media Culture. (4 cr) Genealogy of cinema in relation to other media, notably photography, radio, television/video and the Internet. Representative films from decisive moments in global development of cinema. Rise/fall of Hollywood studio system, establishment of different national cinemas, cinematic challenges to cultural imperialism, emergence of post-cinematic technologies.

SCMC 3201, Fundamentals of Digital Filmmaking. (4 cr. Prereq–ARTH 1921W or CSCL 1921 or equiv or #) Practice of digital filmmaking. Emphasizes digital techniques and practical tools required to produce films. Students master optical/digital devices as artistic tools. Historical/theoretical issues of cinema, its relation to other art forms.

SCMC 3202. Intermediate Digital Filmmaking. (4 cr. Prereq–3201 or #) Students complete a film of any length, 24 frames or feature-length. Emphasizes formal analysis of frames, shots, sequences, and relations of unit (frame or shot) to whole.

SCMC 3993. Directed Study. (1-3 cr [max 6 cr]) Guided individual reading or study.

SCMC 4993. Directed Study. (1-3 cr [max 6 cr]) Guided individual reading or study.

SCMC 5001. Critical Debates in the Study of Cinema and Media Culture. (4 cr) Basic concepts in historical/international debates over production/reception of media culture. Emphasizes cinema. Advanced orientation toward intellectual traditions that inform contemporary scholarship.

SCMC 5993. Directed Study. (1-3 cr [max 6 cr]) Guided individual reading or study.

Sumerian (SUM)

Department of Classical and Near Eastern Studies

College of Liberal Arts


SUM 5012. Elementary Sumerian II. (3 cr. Prereq–5011) Reading from classical literary and historical texts.

Swedish (SWED)

German, Scandinavian, and Dutch

College of Liberal Arts

SWED 1001. Beginning Swedish. (5 cr. §SWED 4002) Prereq–1001) Emphasis on the presentation of all four language modalities (listening, reading, speaking, writing), with a proficiency emphasis. Topics include free-time activities, careers, and the Swedish culture.

SWED 1003. Intermediate Swedish. (5 cr. §SWED 4003) Prereq–1002) Emphasis on intermediate proficiency in listening, reading, speaking, and writing. Contextualized work on grammar and vocabulary is combined with authentic readings and essay assignments.

SWED 1004. Intermediate Swedish. (5 cr. §SWED 4004) Prereq–1003) Emphasis on developing intermediate mid-high proficiency in listening, reading, speaking, and writing. Contextualized work on grammar and vocabulary is supported by work with authentic readings and essay assignments.


SWED 4001. Beginning Swedish. (2 cr. §SWED 1001) Prereq–1004 in another language or passing score on LPE or grad student) Meets concurrently with 1001. See 1001 for description.

SWED 4002. Beginning Swedish. (2 cr. §SWED 1002) Prereq–1004 in another language or passing score on LPE or grad student) Meets concurrently with 1002. See 1002 for description.

SWED 4003. Intermediate Swedish. (2 cr. §SWED 1003) Prereq–1004 in another language or passing score on LPE or grad student) Meets concurrently with 1003. See 1003 for description.

SWED 4004. Intermediate Swedish. (2 cr. §SWED 1004) Prereq–1004 in another language or passing score on LPE or grad student) Meets concurrently with 1004. See 1004 for description.

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. Prereq–Freshman) Topics vary. See Class Schedule.

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

TESL 3001. Basics in Teaching English as a Second Language. (4 cr. Prereq–Have studied another language, [native speaker or 2-Toefl score of at least 213 or equiv]) 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 U.S. and abroad. Internship at school or agency teaching ESL.

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

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: [5271, 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 or #) 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 to adults.

TESL 5722. Practicum in Teaching English as a Second Language. (6 cr; max 12 cr; S-N only. Prereq: [5401 or 5402 or 5721, 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 #) Principles for evaluating and preparing materials for teaching second languages as applied especially to English as a second language.

TESL 5724. Intro 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 5993. Directed Studies. (1-4 cr; max 9 cr. Prereq: #, A, Δ) Directed study for teaching English as a second language.

Theatre Arts (TH)

Department of Theatre Arts and Dance

College of Liberal Arts

TH 1101W. Honors Section: Introduction to the Theater. (4 cr. Prereq—Honors) Introduction to art/craft of theater. Appreciation/critical analysis of plays/performances. Examples of theater’s diverse interactions with society considered from various cultural perspectives.

TH 1101W. Introduction to the Theatre. (4 cr) Introduction to art/craft of theater. Appreciation/critical analysis of plays/performances. Examples of theater’s diverse interactions with society considered from various cultural perspectives.

TH 1102. Drama and the Media, (3 cr) Drama and cultural values implicit in media. Study of primary texts (biography, history, the novel, plays), video clips, and complete films. How the film medium shapes cultural identity.


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; complete films. How film/television shape collective cultural identity. Seven weeks.

TH 1301. Acting/Non-Majors. (3 cr) Background/techniques of acting as viewed/practiced in theatre, society, and student’s own relationships.


TH 1322. Creating the Performance. (3 cr. Prereq—1221) Responsibilities/techniques of modern stage director as creative/interpretive artist. Creation of directed performance of invented/pre-existing forms, from happenings to traditional psychological/poetic realism.

TH 1361. Singing for Musical Theatre. (3 cr; A-F only) Beginning singing, interpretation, part singing, phonetics, audition techniques. Solo/ensemble presentations at final class performance.

TH 1362. Dance for Musical Theatre. (2 cr; A-F only. [SDNE 1362]) Movement based lab. Dance skills in musical theatre performance. Focuses on various styles/disciplines of dance throughout its culturally diverse heritage. Character development necessary to execution of various dance styles.

TH 1391. BFA Acting I. (3 cr; A-F only. Prereq—Accepted into BFA acting program) Acting.

TH 1392. BFA Voice and Speech I. (2 cr; A-F only. Prereq—Accepted into BFA acting program) Study/practice in breath centering/expansion; vocal resonance, musicality, placement; ear training; strengthening and making more flexible the muscles of speech.

TH 1393. BFA Movement I. (2 cr; A-F only. Prereq—BFA-acting major) Focuses on building a foundation for further work in program.

TH 1395. BFA Acting II. (3 cr; A-F only. Prereq—1391) Continuing the process of interpreting dramatic material.

TH 1396. BFA Voice and Speech II. (2 cr; A-F only. Prereq—1392) Building a foundation for further work in the program. Emphasizes practicing the sounds of good American speech and of the written phonetic alphabet.

TH 1397. BFA Movement II. (2 cr; A-F only. Prereq—1393) May include sections such as African dance, yoga, movement for actors, and circus techniques. Focuses on building a foundation for further work in the program.

TH 1904. Freshman Seminar. (3 cr [max 6 cr; A-F only. Prereq—Freshman) Topics specified in Class Schedule.

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

TH 1909W. Topics: Freshman Seminar. (3 cr; A-F only. Prereq—Freshman) Topics specified in Class Schedule.

TH 1910W. Topics: Freshman Seminar. (3 cr; A-F only. Prereq—Freshman) Topics specified in Class Schedule.

TH 1911W. Freshman Seminar: Theatre, Entertainment With Attitude. (2 cr; A-F only. Prereq—Fr with no more than 30 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 1950. Topics in Theater. (1-3 cr; max 6 cr) Topics specified in Class Schedule.

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 project. 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/refines 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 sophomore) 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/Irish dialects.

TH 2397. BFA Movement IV. (2 cr; A-F only. Prereq—BFA-acting sophomore) 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 enrollments as actor may count toward a 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) Study of traditional play structure; characterization, dialogue, dramatic action, and theme. Final project is a one-act play.
Applying process of interpreting dramatic material to TH 3391. BFA Acting V.

TH 3312. Theatre: Theory and Practice. (3 cr [max 6 cr]. Prereq—1101; 1321, 3322)
Introduction to diverse ways of thinking about theatre and its representational practices. Students explore traditional/non-traditional modes of performance through readings, discussions, and hands-on performance projects. Seminar-style course.

TH 3317. 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.

TH 3312. Theatre: Age of Enlightenment to Present. (3 cr; Prereq—Th major or #) Theatrical practices, staging conventions, dramatic structure of plays.


TH 3314. Text and the Actor. (3 cr; A-F only. Prereq—1101, 1321, 1322) Standard stage speech, international phonetic alphabet transcription, and textual analysis to perform heightened language texts such as Shakespearean/Shavian monologues, Chaucer’s Canterbury Tales, and Beowulf. Videos viewed/discussed.


TH 3331. Physical Approaches to Acting. (3 cr; Prereq—1322, [3314 or §3314]. Audition) Dynamic physical approach to acting. Expanding expressiveness/creativity. Strengthening connections between physical/vocal expression. Uniting instinct and intellectual analysis. Techniques as advanced by Delaure, Meyerhold, Grotowski, Kantor, Suzuki, Barba, etc., and structured improvisation, are incorporated in solo/collaborative performance projects.

TH 3381. Introductory Musical Theatre. (3 cr; A-F only. Prereq—[1361 or 1362 or ONEC 1362] or #) History of American musical theatre featuring videos/discussions, basic music theory, voice, dance, acting, audition techniques. Solo/ensemble presentations for public class performance.


TH 3381. Theatre Storytelling and Solo Performance. (3 cr; Prereq—3314 or §3314) Live storytelling and solo performance as theatrical art form. How to turn personal experiences into engaging stage stories. Guests perform, discuss their work, and critique student work. Students develop several short monologues/performances and conclude with original solo theatre performance/story.

TH 3391. BFA Acting V. (3 cr; A-F only) Experiencing a foreign theater culture/history. Applying voice training to dramatic material of that culture.

TH 3392. BFA Voice and Speech V. (2 cr; A-F only) Experiencing a foreign theater culture/history. Applying voice training to dramatic material of that culture.

TH 3393. BFA Movement V. (2 cr; A-F only. Prereq—BFA student in theatre arts) Experiencing a foreign theater culture/history. Applying training to dramatic material of that culture.


TH 3396. BFA Rehearsal & Performance I. (2 cr; A-F only. Prereq—BFA acting jr) Continuing the application of process towards performance.

TH 3397. Design and Technical Production I: BFA. (3 cr; Prereq—§1351, BFA theatre arts student) Theory, process, and execution of design/technology from script to production on stage. Scenery/properties.

TH 3398. Design and Technical Production II. (3 cr; A-F only. Prereq—BFA acting jr) Theory, process, and execution of design/technology from script to production on stage. Scenery/properties.

TH 3351. 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.

TH 3352. Design and Technical Production II. (4 cr; Prereq—1101) Theory, process, and execution of design/technology from script to production on stage. Costumes/lighting.

TH 3390. Topics in Theatre. (1-4 cr [max 8 cr]. Prereq—Varies by topic) Topics specified in the Class Schedule.

TH 3393. Directed Study. (1-4 cr [max 12 cr]. Prereq—6 Th cr, § A, #) Guided individual reading or study.

TH 4115. Intermediate Playwriting. (3 cr; Prereq—3115 or writing sample, #) New methods of play construction. How characteristic plays from particular contemporary styles create original theatrical effects by using/breaking dramatic conventions. Writing exercises, workshopning of student plays.

TH 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.

TH 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.

TH 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.

TH 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.

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


TH 4380. Creative Collaboration. (1-3 cr [max 12 cr]. Prereq—Audition, interview, #) Ensemble creation of a single theatre performance work. Creative/dramaturgical work. Public showing of work, completed or in-progress. Students work collaboratively with faculty or affiliate guest artists.

TH 4391. BFA Intensive 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.

TH 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.


TH 4395. BFA Intensive III. (2 cr; A-F only. Prereq—BFA-acting sr) Incorporating the disciplines of acting/voice/movement.

TH 4396. BFA Rehearsal and Performance V. (2 cr; A-F only. Prereq—BFA-acting sr) Continuing the application of process towards performance.

TH 4397. BFA Rehearsal and Performance VI. (2 cr; A-F only. Prereq—BFA-acting sr) Acting, voice and movement. Continuing the application of process towards performance.

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

TH 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.


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

Course Descriptions

TH 4560. Pre-Production and Planning for Video and Film. (3 cr. Prereq—4550, #) Foreground preparation for a video production. Students undertake pre-production planning for a specific video project, including script development, scheduling, location scouting, casting, fund-raising, equipment lists/rentals, and permits.


TH 4901. Senior Seminar. (3 cr. S–N only/NDIC 4901. Prereq–Th [or NDIC major]; offered fall semester only) Development of senior project, alone or in groups, under guidance of faculty members.

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

TH 5010. Theatre Practicum. (1-4 cr [max 20 cr] Prereq–#, A, 4 cr of 3100 for undergrads) Individual creative projects in production of approved plays as an actor, director, dramaturg, or playwright. (See 5550 for design practicums.)


TH 5117. Performance and Social Change. (3 cr. A–F only. Prereq–8 cr or grad student) Reading, writing, research, presentations and workshops explore activist performance projects. Theories of social formation and ideology provide framework to discuss/animate theater’s potential for social change.

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 spatial 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/ nondramatic material. Development of new unlocking metaphorical energy of texts. Vocabulary/techniques of analysis that transform text from page to stage.

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

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

TH 5355. Puppetry: Techniques and Practice in Contemporary Theater. (3 cr. Prereq—[5513 or 5515], #) or grad student) Fundamentals of puppet and object theater/performance are introduced through traditional/contemporary puppetry forms. Focuses on object theater, toy theater, hand puppets, and shadow/Bunraku-style puppets. Readings, in-class screenings of videos/slides. Students build/create series of short works for in-class performance.

TH 5500. Theatre Design Practicum. (1-3 cr [max 20 cr] Prereq—5519, #, #) Individual projects in production of approved plays as a designer of scenery/properties, costumes, lighting, or sound. (See 5100 for other creative practicums.)

TH 5510. Drawing, Rendering, and Painting for the Theatre Designer I. (3 cr. Prereq—5351 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. Prereq—9 cr. Prereq—5351 or grad or #) Conceiving/communicating design ideas in both two-dimensional sketches and three-dimensional models for theatre and allied venues. Drafting.

TH 5530. Costume Design. (3 cr. Prereq—9 cr. Prereq—5351 or grad or #) Theory and process of costume design for theatrical productions (e.g., dance, opera, film) through hypothetical productions.

TH 5540. Lighting Design for the Theatre. (3 cr. Prereq—9 cr. Prereq—5351 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—5351 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], #) Students 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 5553. Video Production Design and Aesthetics. (3 cr. Prereq—4553 or #) Use of technologies in videofilm in making a statement or communicating a concept/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—4555 or #) Miking/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—4550 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—4555 or #) Audio technology/psychology, their impact on audience in a performance. Communication, design process, psychoacoustics, script analysis.


TH 5570. Properties/Scenery Technology. (1-3 cr [max 15 cr] Prereq—5351 or grad or #) Management, structures, upholstery, mask-making, furniture construction, stage mechanics, soft properties, faux finishes. Topics specified in Class Schedule.

TH 5580. Costume Technology. (3 cr. Prereq—#) 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—5351, #. A 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, [4177 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 practice of postmodernism, psychoanalysis, and phenomenology.

TH 5714. The Drama of Myth. (3 cr. Prereq—[1322, 3171, 3172] or grad student) 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 #) 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 [max 3 cr]. Prereq–5710 or 5716; 5 cr [4 cr max for undergrads]) Practical experience in stage management for specific productions of the University Theatre with emphasis on rehearsal and performance.


TH 5950. Topics in Theatre. (1-4 cr [max 20 cr]) Topics specified in Class Schedule.

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

Toxicology (TXCL)

Veterinary Diagnostic Medicine

College of Veterinary Medicine

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/Adv bcl major 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. §CVM 6195. Prereq–Grad student or #) Toxicology of minerals, pesticides, venoms, and various toxins. Identification of poisonous plants. Recognition, diagnosis, and treatment of animal poisons.

TXCL 5545. Introduction to Regulatory Medicine. (2 cr; A-F only. §CVM 5545. 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.

Translation and Interpreting (TRIN)

College of Continuing Education

TRIN 1201. Fundamentals of Health Care for Interpreters. (3 cr; A-F only) Technical vocabulary, oral discourse patterns used by healthcare providers in talking to patients, family members. Language of American health care interview.


TRIN 3005. Principles of Translation. (3 cr. Prereq–Fluent in English, proficient in a second language, not in CECE certificate prog in interpreting; basic knowledge of English grammar recommended) Key linguistic principles that help us understand how language makes meaning. Applying principles to translation.

TRIN 3101. Introduction to Interpreting. (3 cr. Prereq–3101 high level of proficiency in spoken English and another language; 3001 recommended) Practical and theoretical introduction to interpreting in health, human service, and legal settings. Emphasis on understanding the unique role of the interpreter, current models and modes of interpreting, ethical issues and professional standards of practice, and developing pre-interpreting skills.


TRIN 3900. Topics in Translation and Interpreting. (1-4 cr [max 16 cr]) Topics specified in Class Schedule.


TRIN 5900. Topics in Translation and Interpreting. (1-4 cr [max 16 cr]) Topics specified in Class Schedule.

TRIN 5993. Directed Study. (1-3 cr [max 3 cr]. Prereq–#). Directed study in translation and interpretation.

Turkish (TURK)

Institute of Linguistics, ESL, and Slavic Languages and Literatures

College of Liberal Arts

TURK 1001. Beginning Turkish I. (5 cr. §TURK 4003. Prereq–1002 or #) Listening, speaking, reading, and writing skills in modern standard Turkish.

TURK 1002. Beginning Turkish II. (5 cr. §TURK 4004. Prereq–3001 or #) Listening, speaking, reading, and writing skills in modern standard Turkish.

TURK 3001. Intermediate Turkish I. (5 cr. §TURK 4003. Prereq–1002 or #) Listening, speaking, reading, and writing skills in modern standard Turkish.

TURK 3002. Intermediate Turkish II. (5 cr. §TURK 4004. Prereq–3001 or #) Listening, speaking, reading, and writing skills in modern standard Turkish.

TURK 3003. Intermediate Turkish II. (3 cr. §TURK 1001. Prereq–4th sem course in another language or grad student) Listening, speaking, reading, writing.

TURK 4002. Beginning Turkish I. (3 cr. §TURK 1002. Prereq–4001. 4th sem course in another language) Listening, speaking, reading, writing.

TURK 4003. Intermediate Turkish I. (3 cr. §TURK 3001. Prereq–4002. 4th semester course in another language or grad student) Listening, speaking, reading, writing skills in modern standard Turkish.

TURK 4004. Intermediate Turkish II. (3 cr. §TURK 3002. Prereq–4003. 4th semester course in another language or grad student) Listening, speaking, reading, writing skills in Modern Standard Turkish.

TURK 5000. Topics in Turkish Language, Literature, and Culture. (1-4 cr [max 12 cr]) Variable topics in Turkish language, literature, and culture. Consult Institute for details.

University College (UC)

College of Continuing Education

UC 1000. Exploring Educational Options. (1 cr [max 20 cr]; S-N only, Prereq–A, #) Clarifying expectations, resources, and challenges for transition 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 3950. Special Topics. (1-4 cr [max 12 cr]) Special topics course.

UC 4001. Professional Practice of Addictions Counseling. (4 cr. Prereq–Addrs 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. (2-8 cr [max 8 cr]; S-N only, Prereq–Addrs 4001, Addrs 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 4301. Perspectives: Interrelationships of People and Animals in Society Today. (2 cr [max 3 cr] (CVM 6050, VCS 3050)

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 [max 16 cr] Special topics.

Urban Studies (URBS)

Department of Geography

College of Liberal Arts

URBS 1001W. Introduction to Urban Studies: The Complexity of Metropolitan Life. (3 cr; A-F only) Interdisciplinary course, ranging across spatial, historical, economic, political, and design perspectives, among many others.

URBS 2201. Urban Studies Colloquium. (1 cr [max 4 cr]; A-F only, Prereq—A) Urban/metropolitan issues. Topics vary to reflect current concerns. In-depth reading, intensive group discussion.

URBS 2202. Urban Studies Colloquium. (1 cr [max 4 cr]; A-F only) Urban/metropolitan issues. Topics vary to reflect current concerns. In-depth reading, intensive group discussion.

URBS 3201W. American Cities As Settings for Cultural Diversity. (3 cr) Explores cultural diversity in American cities, considering patterns of and reasons for racial and class segregation and interaction. Its foci are the problems, conflicts, and successes of cultural diversity from a multidisciplinary perspective.

URBS 3500. Urban Studies Workshop. (3 cr [max 9 cr]; A-F only, Prereq—A) Links academic learning to actual urban problems/issues. Focuses on specific topic using local community as laboratory. Field work, contact with local institutions/ agencies.

URBS 3751. Understanding the Urban Environment. (3 cr; A-F only) Examines links between cities and the environment with emphasis on air, soil, water, pollution, parks and green space, undesirable land uses, environmental justice, and the basic question of how to sustain urban development in an increasingly fragile global surrounding.


URBS 3800. Topics in Urban Studies. (3 cr [max 6 cr] Topics specified in Class Schedule.

URBS 3900. Urban Studies Internship Seminar. (2 cr [max 4 cr]; A-F only, Prereq—32, internship placement, A, #) Weekly seminar integrates internship experience with academic program.

URBS 3965W. Senior Paper Seminar. (2 cr; A-F only, Prereq—A) Methods/resources for research. Substantial writing.

URBS 3993. Urban Studies Directed Study. (2-3 cr [max 6 cr]; A-F only, Prereq—URBS majors, #) For students with a specific educational objective that cannot be satisfied through regular curriculum (e.g., foreign study) and for honors students to complete an honors opportunity.

URBS 5101. The City and the Metropolis: An Exploration. (3 cr, Prereq—Grad student or [add URBS undergrad, #]) The City and the Metropolis as places that result from important acts of human creativity. Interdisciplinary/exploratory perspectives. Building/developing (North American) cities, Construction of “urban culture.”

Urdu (URDU)

Asian Languages and Literatures

College of Liberal Arts


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—1101 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.

URDU 4001. Beginning Urdu. (3 cr, Prereq—Passing score on GPT in another language or grad student) Listening, speaking, reading, writing. Emphasizes development of communicative competence.

URDU 4002. Beginning Urdu. (3 cr, Prereq—Passing score on GPT in another language or grad student) Listening, speaking, reading, and writing skills. Emphasizes development of communicative competence.

Vietnamese (VIET)

Asian Languages and Literatures

College of Liberal Arts


Water Resources Science (WRS)

Water Resources Center

College of Food, Agricultural and Natural Resource Sciences

WRS 5001. Introduction to Field Research in Water Resources. (2 cr; Prereq—Grad WRS major or #) Introduction to field research techniques and opportunities during two-week summer excursion to regional sites. Data acquisition in small/large lakes, streams, and wetlands for biota and chemical/physical water quality; surface and groundwater hydrologic measurements and sampling.

WRS 5101. Water Resources: Individuals and Institutions. (3 cr; Prereq—Grad student or #) Socio-cultural, legal, and economic forces that affect use of water resources by individuals/institutions. Historical trends in water policy, resulting water laws in the United States. Institutional structures whereby water resources are managed at federal, state, and local levels.

WRS 5241. Ecological Risk Assessment. (3 cr, Prereq—#) Evaluating current/potential impact of physical, chemical, and biological agents on ecosystems. Identifying ecological stressors, assessing level of exposure, measuring ecological responses, communicating/managing risks. Class participation, two reaction papers, final exam, small-group project.

Women’s Studies (WOST)

Department of Women’s Studies

College of Liberal Arts

WOST1001. Introduction to Women’s Studies. (3-4 cr [max 4 cr]) (WOST 1051) 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 [max 4 cr]) (WOST 1052) 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 [max 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 with no more than 29 cr) Topics/description vary. See Class Schedule, Course Guide.
WOST 1904. Freshman Seminar. (3 cr; A-F only. Prereq—Freshman) Topics specified in Class Schedule.

WOST 1905. Freshman Seminar. (3 cr [max 6 cr; A-F only. Prereq—Freshman]) Topics/description vary. See Class Schedule, Course Guide.

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

WOST 3003. Gender and Global Politics. (3-4 cr [max 4 cr]. §WOST 3003H) Similarities/differences in women’s experiences throughout the world, from cross-cultural/historical perspective. Uses range of readings, media (feminist scholarship, fiction, film, news media, oral history, autobiography).

WOST 3003H. Honors: Gender and Global Politics. (3-4 cr [max 4 cr]. §WOST 3003) Prereq—honors) Similarities/differences in women’s experiences throughout the world from cross-cultural/historical perspective. Uses range of readings, media (feminist scholarship, fiction, film, news media, oral history, autobiography). Includes honors recitation.


WOST 3190. Skin, Sex, and Genes. (3 cr: Prereq—3202 or #) Ways in which modern biology has been site of conflict about race/gender, Race/gender demographics of scientific professions.

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

WOST 3206. Women and Madness in History and Literature. (3 cr. §WOST 5206, Prereq—3204) 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 §GLS 4007) Politics, global processes, and social relations that shape health/disease patterns worldwide. 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.

WOST 3209. Topics: Health, Environment, and Health Studies, (3 cr) Topics specified in Class Schedule.

WOST 3209H. Topics: Biology, Health, and Environmental Studies, (3 cr) Topics specified in Class Schedule.


WOST 3301W. Women Writers. (3 cr. Prereq—Intro literature course) 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. §COMM 3005) 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 3403W. Jewish Women in the United States. (3 cr §AMST 3632W, WOST 3632W) Twentieth century American Jewish women—historically, sociologically, religiously, and culturally; key developments over the century.

WOST 3404. International Lesbian and Queer Studies. (3 cr. §Prereq—1001 or 1002 or 3001 cr or) Lesbian/gay lives throughout cultural, specifically/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 3405. Latin American Women’s Lives. (3 cr; §GLAS 3405. Prereq—1001, 1002 or 1003 or LAS 3131 or #) An interdisciplinary approach to understanding women’s lives in Latin America. Use of ethnography, history, poetry, fiction, and “testimonia” to understand the conditions of women’s lives in Latin America.

WOST 3406. 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 3407. Women in Early and Victorian America: 1600-1890. (3 cr; §HST 3347) Varies experiences of women in American history from European settlement in North America to the end of the 19th century.

WOST 3408. Women in Modern America. (3-4 cr. §HST 3348. 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 3409W. 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. §CHIC 3312) Focus on Chicana 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. §CHIC 3342) Focus on Chicana; women of the Mexican-American community. Exploration of racial, economic, political, and gender issues of concern to all American Hispanics and diverse Latino cultures.

WOST 3412. American Indian Women: Ethnographic and Ethnohistorical Perspectives. (3 cr; A-F only. §AMIN 3405, AMIN 5409) Comparative survey of ethnographic/ethnohistorical writings by/about American Indian women.

WOST 3413. Women and Gender in Latin American History. (3 cr; §HST 3424) Changing gender norms in Latin America over time as compared with lives of women/men of diverse classes, ethnic groups. How women responded to their position in society, on continuum from accomodation to resistance.

WOST 3414. Women in Medieval Europe. (3 cr; A-F only) 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: Political Economy and Global Studies. (3 cr) Topics specified in Class Schedule.
WOST 3903. 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 3890H. Topics: Honors Seminar. (1-8 cr [max 12 cr]. 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 3993. Directed Study. (1-12 cr [max 12 cr]. Prereq–#) Directed study.


WOST 4102. Women, Gender, and Science. (3 cr. §SCI 4445, 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 4103H. Honors: International Feminist Theories. (3 cr. WOST 5104, Prereq–[3102, 8 cr WoSt] or grad or #) Western/non-western feminist theories in conversation. Historical, cultural, and political context. Relation of theory to activism.

WOST 4108W. Senior Seminar: Writing. (3 cr. Prereq–WoSt Jr or Sr) Writing seminar for senior project. Writing process. Project is completed under supervision of instructor and faculty advisor.

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

WOST 4122. Philosophy and Feminist Theory. (3 cr. §PHL 4622, PHL 5622, WOST 5122, Prereq–8 crs in [philosophy or women's studies] or #) Encounters between philosophy/feminism. Gender's influence in traditional philosophical problems/methods. Social role of theorist/theorizing as they relate to politics of feminism.

WOST 4190. Topics: Theory, Knowledge, and Power. (3 cr. Prereq–Sr or grad student or #) Topics specified in Class Schedule.

WOST 4201. The Older Woman: A Feminist Perspective. (3 cr. Prereq–12 cr or WoSt or substantial work in psych 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, Health, and Environmental Studies. (3 cr. Prereq–Sr or grad student) Topics specified in Class Schedule.

WOST 4302H. Honors: Women's Personal Narratives. (3 cr. Prereq–3301 or 3302 or 3 cr literary studies or 3 cr AFROAm 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: Visual, Cultural, and Literary Studies. (3 cr. Prereq–Sr or grad student or #) Topics specified in Class Schedule.

WOST 4401. Chicana/Latina Cultural Studies. (3 cr. §CHC 4401. Prereq–502 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 [max 4 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 4404. Gender, Nation, and Literature in Latin America. (3 cr. Prereq–[1001 or course on feminist theory], [jr or sr] Latin American literature/film concerning gendered nature of Latin American politics, society, and history. Texts by (mostly) women writers/filmmakers. Texts are in English but available in Spanish or Portuguese.

WOST 4490. Topics: Political Economy and Global Studies. (3 cr. Prereq–Sr or grad student or #) Topics specified in Class Schedule.

WOST 4502. Women and Public Policy. (3 cr. Prereq–[Jr 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 student 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, ∆) Discussion group and learning community for students working as interns for a Minnesota legislator during the year’s legislative session.


WOST 4790. Topics: Sexuality Studies. (3 cr) 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. (1-6 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 is on the 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–4 or 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. WOST 4103H) 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–[PHET 5108, RHET 8530]; 8 cr WoSt or grad or #) How cultural gender roles are affected by science and technology as well as influence scientific and technological thinking and communication strategies.

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


WOST 5190. Topics: Theory, Knowledge, and Power. (3 cr) Topics specified in Class Schedule.

WOST 5201. Global Processes and the Politics of Sexuality. (3 cr. Prereq–12 cr or 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/subjunctivity.

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

WOST 5209. Topics: Biology, Health, and Environmental Studies. (3 cr) Topics specified in Class Schedule.

WOST 5300. Communication and Gender. (3 cr. A-F only, ∆COMM 5406. 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 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 or 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 and to hear their own voices.

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: Political Economy and Global Studies. (3 cr [max 12 cr]) Topics specified in Class Schedule.
Work and Human Resource Education (WHRE)

College of Education and Human Development

WHRE 1301. Introduction to Career and Technical Education Teaching. (2 cr. A-F only. Prereq–Occupationally certificated 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.

WHRE 311W. Introduction to Technology and Public Ethics. (3 cr) Nature of technology. Values, ethical issues related to technology. Technology and transformation of workplace, family, community life.

WHRE 3105. Introduction to Strategic Planning Through Human Resources. (3 cr; A-F only. Prereq–3001) Processes organizations use when engaged in strategic planning. How to participate in planning, implementing, and evaluating strategic initiatives to improve performance.

WHRE 3121. Communication, Energy and Power, Transportation and Machinary Technologies. (3 cr; A-F only) Instruction and laboratory experiences in communication, information, power, energy, and transportation technologies. Topics include power systems, transportation systems, information and communication systems; graphic communication and computer applications.


WHRE 3601. 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 programs and reporting systems. Evaluating instructional effectiveness. Applying tests and other evaluation instruments to assess/report learning in business/industry and in career/technical education fields.

WHRE 3629. Foundations of Course Development for Business and Industry. (2 cr; A-F only) Designing instructional programs/courses focused on helping learners develop desired competence. Designing instruction 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.

WHRE 3661. Foundations of Instructional Methods for Business and Industry. (2 cr; A-F only §HRD 3661) 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.

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

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

WHRE 5001. Survey: Human Resource Development and Adult Education. (3 cr) Overview of fields of human resource development and adult education. Includes societal context, theories, processes, definitions, philosophies, goals, sponsoring agencies, professional roles, participants, and resources. Focus on the unique characteristics and ways the fields overlap and enhance one another.

WHRE 5002. Thinking, Learning, and Teaching in Work and Human Resource Education. (3 cr; A-F only) Nature of thinking/learning in everyday life contexts of work and human resource education. Theory/practice relevant to stimulating/supporting thinking/learning in for these contexts.


WHRE 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.

WHRE 5101. Introduction to Leadership and Administration of WHRE. (3 cr) Finance, public relations, communications, legal aspects, leadership, personnel policies/management, program planning/development, evaluation. Inter-institutional collaboration of work and human resource education programs in school-based settings.

WHRE 5102. Leadership in WHRE. (2 cr) Leadership, leadership roles/responsibilities. Application to work and human resource education.

WHRE 5121. Principles of Supervisory Management. (3 cr) Introduction to the principles of supervision in education, business, industry, government, and service organizations.


WHRE 5141. Evaluation of WHRE. (3 cr) Designing/conducting project, program, and systems evaluations in work and human resource education contexts/settings.

WHRE 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.


WHRE 5341. Global Program Delivery Techniques and Technology of Extension. (2 cr; A-F only §AFEE 5341) 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.

WHRE 5351. Methods for Change in Developing Countries. (3 cr; A-F only §AFEE 5351) 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.

WHRE 5401. Distance Learning in Adult Education and Training. (3 cr; A-F only) Distance learning concepts, theory, history, present practice, delivery systems, course design, major issues, future directions.

WHRE 5501. Organizational Learning. (3 cr; A-F only) Theoretical, empirical, and practical aspects of learning in organizations. Historical context. Definitions, theories, and applications of organizational learning. Learning organization, knowledge management, intellectual capital.

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

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


WHRE 5601. Student and Trainee Assessment. (2 cr; A-F only §HRD 5601, Prereq–§: BE 5601) 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.

Course Descriptions

WHRE 5628. Multimedia Presentations in Business. (3 cr. Prereq—5011 or equiv)
Description: Creating and presenting information using multimedia resources in business settings.

WHRE 5629. Course Development for Business and Industry. (2 cr; A-F only, HRD 5629)
Designing instructional programs/courses that help learners develop desired competence. Designing instruction for both adults and nonadults, training and educational needs assessment, training and workplace implementation, backward design, backward design principles.

WHRE 5661. Instructional Methods for Business and Industry. (2 cr, Prereq—5661 or HRD 5661)
Theory/practice in instructional methods for career/technical education (CTE) instructors and human resources (HRD) professionals. How to select various teaching methods and plan for their delivery. Preparing an instructional methods plan to clarify course content, teaching methods selected, rationale for their selection, and how a student organization might facilitate student learning.

WHRE 5696. Teaching Internship: Introduction. (1 cr. Prereq—HRD 5694 or HRD 5691)
Initial experiences in teaching profession. Observation of school organization/administration, seminars, relationship building with cooperating teachers, and reflection on personal involvement as a beginning student teacher.

WHRE 5697. Teaching Internship: School and Classroom Settings. (2 cr, Prereq—5696 for initial licensure program)
Part-time supervised teaching experience in a school. Seminars on managing student’s learning in context of work and human resource education programs in contemporary schools and on becoming a reflective educator.

WHRE 5698. Teaching Internship. (2 cr; max 8 cr. Prereq—Admission to initial licensure program)
Teaching experience in a school system that provides programs for grades 5-12.

WHRE 5699. Teaching Internship: Extended. (1 cr, Prereq—HRD 5692. Prereq—5696)
Extended student teaching experience in a school system that provides programs for grades 5-12.

WHRE 5771. Teaching Entrepreneurship: Small Business Management. (3 cr)
Methods, organization, curriculum development and modification, and implementation of educational programs for entrepreneurs.

WHRE 5801. Educating Special Populations in Work and Human Resource Education Settings. (3 cr)
Identifying/accommodating in work and human resource education settings educational/behind student teachers with disabilities and disadvantaged conditions.

Interagency planning issues/practices relating to special populations for educational, business, and human service organization personnel, family members, and advocates.

WHRE 5803. Developmental Writing and the College Student: Theory and Practice. (3 cr. Prereq—Bachelor’s degree)

WHRE 5804. Research in Postsecondary Developmental Education. (3 cr. Prereq—Bachelor’s degree, courses in intro psychology, basic statistics)
Strategies for conducting three 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.

Nature of diverse populations, their unique learning/training needs. Exemplary programs. Collaborative efforts among persons representing work and human resource education settings.

WHRE 5822. Diversity and Organizational Transformation in Work and Human Resource Education. (3 cr)
Developing models for understanding impact of diversity on individual, organizational, and community outcomes. Discussing organizational change in relation to diversity.

WHRE 5823. Program Planning and Improvement for Special Populations in Work and Human Resource 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, in work and human resource education settings, for individuals with special learning needs.

WHRE 5901. Using Research in Work and Human Resource Education. (3 cr)

WHRE 5990. Special Topics in Work and Human Resource Education. (1-4 cr [max 4 cr]
Topics vary.

WHRE 5993. Directed Study in WHRE. (1-4 cr [max 4 cr]
Self-directed study, with faculty advice, in areas not covered by regular courses.

Youth Development and Research (YOST)
School of Social Work

College of Education and Human Development

YOST 1001. Seeing Youth, Thinking Youth: Media, Popular Media, and Scholarship. (3 cr)
Use of life-experience, news and popular media to explore everyday realities of being a young person, as it varies by age social class, race/ethnicity, geography, time period, sexual orientation, and capacity.

YOST 2001. The Everyday Lives of Youth. (4 cr)

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 2101. Urban Youth and Youth Issues. (4 cr Prereq—1001 or #)
What it is like to be a young person in a city, in the United States and worldwide.

YOST 2241. Experiential Learning. (4 cr. §YOST 5241. Prereq—[1001, 2001] or 2002W or 2101, any Psych or CPSY course)
Application of theory/research about children/adolescents. How findings can be used. How theories facilitate understanding of behavior.

YOST 3101. Introduction to Youthwork. (4 cr. Prereq—One gen psy course, one gen soc course)
Historical/contemporary approaches to youthwork, diverse settings in which it is done, importance of worker’s life experience in crafting ethical, effective practice. At least 15 hours of field experience.

YOST 3234. Youth Agencies, Organizations, and Youth Service Systems. (3 cr. §YOST 5234. Prereq—[Two soci/anth courses, work experience in youth agency or org] or #)
Communities/governmental responses to young people as potential problems through agencies, programs, and other organizational forms. Purpose, structure, and activities of such forms. How the forms are are not integrated into youth service systems.

YOST 3235. Community Building, Civic Engagement, and Civic Youthwork. (4 cr. §YOST 5235. Prereq—[One basic course in Pol, one basic course in Soc] or #)
Interdisciplinary study of youth engagement. Community development brought about by young people’s civic engagement. Individual, social, and political change by for young people and their community.

YOST 3240. Special Topics in Youth Studies. (2-8 cr [max 10 cr. §YOST 5240. Prereq—[Two social sci courses, exp working with youth or #])
In-depth investigation of one area of youth studies. Teaching procedure/approach determined by specific topic and student needs. Topic announced in advance.
Policy as a political response to youth panics, as issues, problems, and community/public concerns.


Youth, young people, youthhood, youth work. Models, personal responses to youth. Occupational/ vocational callings. Class discussion, written assignments.

YOST 4160H. Honors Capstone Project. (2 cr [max 4 cr]. Prereq.–YOST honors or #). Individualizes the honors experience by connecting aspects of major program with special academic interests.

YOST 4301. Communicating With Adolescents About Sexuality. (3 cr. Prereq.–1001 or 2002W or #). How to communicate sensitively/effectively with adolescents and their concerned persons about sexuality in everyday life. Focuses on healthy sexual development (physical, emotional, ethical) and sexual diversities. Adolescent sexual issues: gender, body image, disease, sexual violence, intimacy, sex in cyberspace.

YOST 4315. Youthwork in Schools. (4 cr. §YOST 5315. Prereq.–Introductory course in education or #). Craft of youthwork as a framework to understand life-worlds of young people and a practice to enhance healthy development. How young people often divide their lives into artificial/harmful divide: school and not school.

YOST 4319. Understanding Youth Subcultures. (3 cr. §YOST 5319. Prereq.–2001 or one course each in [Anth, Soc] or #). Young people’s participation in and understanding of subcultures, life-styles, and event cultures. Place of these in young people’s identity, friendship, and life chances.

YOST 4321. Work with Youth: Individual. (2 cr. Prereq.–1001 or 2101 or #). Assumptions underlying individual work with youth. Issues/concerns of adolescents and of persons who work with them in one-to-one interactions.

YOST 4322. Work with Youth: Families. (2 cr. Prereq.–1001 or 2002W or #). Theories/techniques of working with youth and their families. Emphasizes practical methods of structural change, developing effective communication, decision-making and problem-solving systems, winning the family’s cooperation. Role of professional in influencing healthy family development.

YOST 4323. Work with Youth: Groups. (2 cr. Prereq.–[1001 or 2002W], 4321 or #). Social group work, adolescent group needs/associations. Group process. Working with diverse groups of youth in community, in group living situations, and in group therapy.

YOST 4401W. Young People’s Spirituality and Youthwork: An Introduction. (4 cr. §YOST 5401. Prereq.–1001 or 2002W or #). Adolescent spirituality, its relation to working with young people. Faith/spirituality as necessary for healthy youth development. Knowledge, attitudes, and skills to recognize spirituality in cultural, social, economic, and political worlds.

YOST 4402. Youth Policy: Enhancing Healthy Development in Everyday Life. (4 cr. §YOST 5402. Prereq.–Pre-2001, one course each in [PSY, PolSci, Soc] or #). Youth policy as formulated in response to youth issues, problems, and community/public concerns. Policy as a political response to youth panics, as indirect youthwork, and as a community’s moral compact with its young people. Perspectives explored are specific to student interests.

YOST 5031. Communicating With Adolescents About Sexuality. (3 cr. Prereq.–Upper div AdHy course, exper working with youth or #). How to communicate sensitively/effectively with adolescents and their concerned persons about sexuality in everyday life. Healthy sexual development (physical, emotional, ethical), sexual diversities. Gender/body image, disease, sexual violence, intimacy, sex in cyberspace.

YOST 5313. Direct Work With Adolescents. (2 cr. Prereq.–Two social 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 5315. Youthwork in Schools. (4 cr. §YOST 4315. Prereq.–Introductory course in education or #). Craft of youthwork as a framework to understand life-worlds of young people and a practice to enhance healthy development. How young people often make artificially/harmfully divide their lives into school and not school.


Youth, young people, youthhood, youth work. Models, personal responses to youth. Occupational/ vocational callings. Class discussion, written assignments.

YOST 4160H. Honors Capstone Project. (2 cr [max 4 cr]. Prereq.–YOST honors or #). Individualizes the honors experience by connecting aspects of major program with special academic interests.

YOST 4301. Communicating With Adolescents About Sexuality. (3 cr. Prereq.–1001 or 2002W or #). How to communicate sensitively/effectively with adolescents and their concerned persons about sexuality in everyday life. Focuses on healthy sexual development (physical, emotional, ethical) and sexual diversities. Adolescent sexual issues: gender, body image, disease, sexual violence, intimacy, sex in cyberspace.

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