FScN 1102. Food: Safety, Risks, and Technology. (3 cr) Ethical use of public policy and food technology to reduce conflict and mediate our food risks. Survey of microbiological, chemical, and environmental risks, and government and industry controls used to ensure food safety.


FScN 1511. Food Animal Products for Consumers. (3 cr. FSCN 3151) The compositional variation, processing, selection, storage, cookery, palatability, nutritional value, and safety of red meat, poultry, fish, and dairy products.


FScN 3612. Life Cycle Nutrition. (3 cr. Prereq–1112, Chem 2022) Nutritional changes throughout lifecycle. Pregnancy, lactation, childhood, adulthood, age, topics relevant to lifecycle changes (e.g., body composition, immunity, sports nutrition).


FScN 3615. Sociocultural Aspects of Food, Nutrition, and Health. (3 cr. Prereq–1112) Sociocultural aspects of regional and cultural diversity in food preferences and food behavior, food habits, demographics, lifestyles, food consumption, and expenditures. Effect of socioeconomic status, religious beliefs, age, and cultural meaning of food on food choices.

FScN 3662. Introduction to Dietetic Practice. (2 cr; A-F only. Prereq–1112, admitted to Coordinated Program in Dietetics) Introduction to the practice of dietetics in medical centers, residential care centers, ambulatory care clinics, and community service agencies.

FScN 3713. Food Service Operations Management Laboratory. (2 cr; A-F only. Prereq–[3102 or 37102], [3732 or 37332]) Experience in managing a food service operation. On/off-campus commercial/institutional restaurants used as labs. Required field trips.

FScN 3732. Food Service Operations Management. (3 cr; A-F only. Prereq–3102 or 31102) Planning, preparing, delivering, serving, managing foods served away from home.

FScN 3796. Field Experience in Food Service Management. (3 cr; A-F only. Prereq–[3732 or 37332], admitted to Coordinated Dietetics Program) Supervised food service production/management experience in a community or health care facility.

FScN 4096. Professional Experience Program: Internship. (1-3 cr [max 6 cr]; A-F only. Prereq–FScN undergrads., UC only) Supervised practical and professional experience in food industry firms or government agencies; evaluative reports and consultations with faculty advisors and employees. Registration information in CAFOES Career Services.

FScN 4103. World Food Problems. (3 cr. SgrA 4103, ŠApe 4103, ŠCAPS 4103. Prereq–J r or sr grad) A multidisciplinary look at problems and possible solutions in food production, storage, and utilization in developing countries. Presentations and discussions introduce conflicting views of population, use of technology, and ethical and cultural values of people in various parts of the world.

FScN 4111. Food Chemistry. (3 cr. Prereq–3102, Bio 3021) Study of chemical structures and functional properties of food components in relation to their roles as parts of complex biochemical systems and as modified by environmental and processing factors.

FScN 4121. Food Microbiology and Fermentations. (3 cr. Prereq–1102, [VPB 2032 or Mlc B 3301 or Mlc B 3022], Bio 3021) Relationship of environment to occurrence, growth, and survival of microorganisms in foods, methods of evaluation, genera and species of importance, control of food-borne pathogens and spoilage organisms in foods, and use of microorganisms in food fermentations.


FScN 4131. Food Quality. (3 cr. Prereq–4111, 4121) Management systems in the processing and distribution of foods that insure food quality and compliance with food laws and regulations. Quality management, HACCP, audits, plant/equipment design for sanitation, specifications, recalls, and control systems.

FScN 4140. Topics In Food Science and Nutrition. (1-4 cr [max 8 cr]; Prereq–discussion) In-depth investigation of a specific topic in nutrition and food science not covered by other courses. Topic announced in advance.

FScN 4219. Independent Study. (1-4 cr [max 4 cr]) Individual lab or library research in an area related to food science or nutrition.

FScN 4312W. Food Analysis. (4 cr. Prereq–4111, Stat 3011) Examination of components in foods with analytical measurement as the primary focus. Chemical, physical, and sensory techniques are used to identify and characterize major and minor components in food systems.

FScN 4331. Food Process Engineering I. (3 cr; A-F only. Prereq–3102, Math 1272, [Phys 1102 or Phys 1302]) Specific applications of engineering principles (e.g., heat/mass transfer, kinetics, thermodynamics) to unit operations in food production.

FScN 4332. Food Process Engineering II. (4 cr; A-F only. Prereq–4331) Application/integration of engineering principles to unit operations used in food production. Equipment design. Effects of processing on food quality (chemical, microbiological).


FScN 4343. Processing of Dairy Products. (4 cr. Prereq–4111, 4122, 4331) Demonstration/application of basic concepts of food engineering/processing, food chemistry, and food microbiology to production of fluid, fermented, concentrated, and dehydrated dairy products.

FScN 4344. Technology of Fermented Dairy Products. (4 cr. Prereq–4111, 4121, 4313) Integration of chemical, microbiological, and physical principles involved in the manufacture and storage of cheeses and fermented milks.

FScN 4345. Flavor Technology. (3 cr. Prereq–4111, 4131, 4121) Flavor/offset-flavor development in foods. Industrial production of food flavorings, their proper application to food systems.

FScN 4346. Functional Foods: Regulations and Technology. (3 cr; A-F only. Prereq–[4111, 4121] or [4111, 4131], admitted to first year Coordinated Program in Dietetics) Overview of application of regulatory principles, food science, nutritional science to development of nutraceuticals, functional foods, dietary supplements. Scientific basis, technologies, legal requirements, animal/clinical evaluation, consumer usage versus need. Review of products available in world market, with focus on the United States.

FScN 4596. Field Experience: Community Nutrition. (3 cr; A-F only. Prereq–Admitted to first year Coordinated Program in Dietetics) Application of nutrition knowledge in the solution of problems related to health promotion. Assigned readings, discussions, and experiences in community agencies.


FScN 4614. Community Nutrition. (3 cr. Prereq–1112) Community-based nutrition issues are explored including nutrition risks associated with different age, sex, ethnic, and socioeconomic groups; community needs assessment; program planning and evaluation, and programs that address the needs and interests of people in different stages of the life cycle, ethnic or cultural backgrounds, and literacy levels.

FScN 4665. Medical Nutrition Therapy I. (3 cr; A-F only. Prereq–4612, Phil 3051, Bio 3021) Nutrition assessment and support. Pathology, management, and nutrition therapy for disorders of the gastrointestinal, immune, and respiratory systems, and cancer.

FScN 4666. Medical Nutrition Therapy II. (3 cr; A-F only. Prereq–4665) Pathology, management, and nutrition therapy for disorders of the cardiovascular, endocrine, urinary, and neuromuscular and skeletal systems. Nutrition intervention for inborn errors of metabolism, and eating disorders and obesity.

FScN 4696. Field Experience: Medical Nutrition Therapy I. (1 6 cr; A-F only. Prereq–Second year students in Coordinated Program in Dietetics or #) Application of nutrition knowledge in the solution of problems related to disease and injury; assigned readings, discussions, and experience in medical centers and long-term care facilities. Emphasis on nutrition support; gastrointestinal, immune and respiratory disorders, and cancer.

FScN 4732. Food and Nutrition Management. (3 cr; A-F only. Prereq–3732, Mgmt 3001) Financial and human resource management applied to a variety of business and institutional settings. Field trips may be required.

FScN 4796. Field Experience in Food and Nutrition Management. (3 cr; A-F only. Prereq–Second year students in Coordinated Program in Dietetics or #) Application of principles of food service management to problems in community, commercial, or health care facilities.

FScN 4896. Field Experience: Medical Nutrition Therapy II. (3 cr; A-F only. Prereq–4696, admitted to Coordinated Program in Dietetics or #) Application of nutrition knowledge to problems related to health/disease. Readings, discussions, experience in medical centers. Emphasizes cardiovascular, endocrine, urinary tract, energy imbalance; eating disorders.
Course Descriptions

FScN 4996. Field Experience: Medical Nutrition Therapy III. (2 cr; A-F only. Prereq–[4986, Admitted to Cosmetology] or #) Application of nutrition knowledge to problems related to health/disease, clinical management experience in medical centers. Emphasizes pediatrics, home health care, staff relief.

FScN 5411. Food Biotechnology. (2 cr; Prereq–4121) General concepts in food biotechnology. Improvement of microbes used in food production by modern biotechnological approaches. Discuss need for stringent regulation of modern biotechnology as well as ethical and legal issues.

FScN 5421. Introduction to Food Law. (3 cr; Prereq–1102) Analysis of the federal legal requirements affecting the production processing, packaging, marketing, and distribution of food and food products using case law studies and regulatory history.

FScN 5431. Physiochemistry of Food. (2 cr; Prereq–4111) Surface phenomena, colloidal interactions, liquid dispersions, gels, emulsions and foams, and functionality of food macromolecules in these systems.

FScN 5441. Introduction to New Product Development. (2 cr; Prereq–4111, 4311) Interactive course that introduces students to the principles of new product development, from identification and testing of new product concepts, through prototype testing, to basic process design using examples from industry.

FScN 5451. Structure and Function in Foods: Quantitative Analysis. (2 cr; Prereq–4121) Introduction to various procedures for analysis of structure and organization in raw and processed food.

FScN 5461. Food Packaging. (2 cr; Prereq–1102, 3102, Phys 1102 or Phys 1302) Materials, principles, and procedures of packaging as they apply to food products, but the principles also apply to bulk and institutional foods and ingredients.

FScN 5471. Advanced Food Chemistry. (3 cr; Prereq–4111) Chemical reactions taking place in formation, stability, and degradation of important food constituents. Examples of reactions for major chemical changes occurring in food systems.


FScN 5511. Meat, Poultry, and Seafood Protein Processing. (2 cr; Prereq–1102, Chem 2302) Industrial processing of meat, poultry, and seafood products with emphasis on protein systems: comminuted products, nutraceutical products, thermal processing optimization, pasteurization, least cost analysis, and color stability.

FScN 5531. Grains: Introduction to Cereal Chemistry and Technology. (2 cr; Prereq–Biol 1009, Chem 1022) Origins, structure, biochemistry, and cellular properties of major cereal grains as they relate to primary processing (milling) and secondary processing (production of cereal products).

FScN 5621W. Nutrition and Metabolism. (4 cr; Prereq–4612, BioC 2021, Phil 3051) Carbohydrate, lipid, and protein metabolism. Uses “systems” or “holistic” approach to emphasize how metabolic pathways interrelate.


FScN 5623. Regulation of Energy Balance. (2 cr; Prereq–5621 or 56521) Regulation of energy balance in humans, including regulation of food intake and of energy expenditure.


Forest Resources (FR)

Department of Forest Resources

College of Natural Resources

FR 1001. Orientation and Information Systems. (2 cr; A-F only) Forest resources, recreation resource management, forestry and natural resource careers. Qualification requirements for government positions, competencies, internships, and experiences to compete for jobs in industry. Course planning, mentoring, alumni contacts. Leadership, organization, process. Lab equipment/software, GISs, the Internet, spreadsheets, Lumina, periodical indexes.


FR 1901. Freshman Seminar. (1-3 cr; Prereq–Fr) In-depth study of issues/topics related to natural resources and the environment. Topics vary each semester.

FR 2101. Identifying Forest Plants. (1 cr; A-F only) Field identification of common northwoods trees, shrubs, and non-native/nuisance plants. Emphasizes concept of plant communities, site soil relationships, and wildlife values. Taught at Cloquet Forestry Center.


FR 2104. Measuring Forest Resources. (1-3 cr; A-F only) Introduction to forest stand measurement (mensuration), and forest sampling techniques. Taught at Cloquet Forestry Center.

FR 3104. Forest Ecology. (4 cr; A-F only. Prereq–Two biol courses, chem course, knowledge of [basic botany, plant biology]) Form/function of forests as ecological systems. Characteristics/dynamics of species, populations, communities, landscapes, and ecosystem processes. Examples applying ecology to forest management. Weekly discussions focus on research topics in forest ecology, exercises applying course concepts, and current issues in forest resource management. Required weekend field trip.


FR 3121. Geographical Information Systems (GIS) for Natural Resources. (4 cr; A-F only. Prereq–[1 cr or sr] GIS) Introduction to GIS. Focuses natural resources. Data structures, sources, collection, and quality. Lab exercises include geodesy, map projections, spatial analyses, and cartographic modeling.

FR 3203. Forest Fire and Disturbance Ecology. (3 cr; A-F only. Prereq–[3104 or equiv], course fee) Ecology, history, management, control of fire, wind, insect infestation, browsing, and other disturbances in forests. Disturbance regimes of boreal, northern hardwood, and other major forest types of North America. Influence of disturbance on wildlife habitat, urban/wildland interfaces, forest management, and stand/landscape dynamics. Guest speakers on fire organization, training, and operations. Two-day field trip.


FR 3205. Productivity and Ecology of Forest Soils. (3 cr; Prereq–Forest ecology, silviculture) Soil-site factors affecting plant/wildlife communities. Site quality estimation, site modification/ enhancement. Effects of forest management and other human-related disturbances on forest site quality.


FR 3262. Remote Sensing of Natural Resources and Environment. (4 cr) Principles/techniques of remote sensing and its applications to mapping/surveys/terrain data from satellite/airborne resources from local to global scales. Forest and natural resource inventory. Forest cover and soil mapping. Land use/global change analysis. Lab provides hands-on experience working with aerial photography and digital sensing imagery.

FR 3411. Managing Forest Ecosystems: Silviculture. (3 cr; Prereq–[3104, non FR [major or minor]] or [3104, 5413, FR [major or minor]] or #) Management of forest ecosystems for sustaining ecological integrity, soil/water/wildlife habitat, biological diversity, commodity production in landscape context. Silvics, forest dynamics, disturbances, regeneration, restoration, silvicultural systems. Rationales of management choices. Weekend field trip.

FR 3431. Timber Harvesting and Road Planning. (2 cr; Prereq–3411 or #) Introduction to forest operations. Terminology, basic engineering, equipment and harvesting system options, productivity/costs. Relationship to forest management and silviculture. Road planning, forest management guidelines, approaches for mitigating potential impacts to soil/water resources. Environmental implications of methods/equipment choices. Selling timber. Sale design, layout, and administration. Two all-day field trips.

FR 3471. Forest Planning and Management. (3 cr; A-F only. Prereq–[3218, ENR 3261] or #) Processes/techniques for planning forest management activities. Goals of landowners, industry, government, and society. Predicting forest outcomes, financial analysis, forest regulation, mathematical models, linear programming, economic analysis. Landscape-level planning, desired conditions, historical range of variability, wildlife management, carbon sequestration, resource monitoring, certification, adaptive management.

FR 3480. Topics in Natural Resources. (1-3 cr; max 12 cr; Prereq–#) Lectures in special fields of natural resources given by visiting scholar or regular staff member. Topics specified in Class Schedule.
FR 3501. Arboriculture: Selection and Maintenance of Trees. (3 cr. Prereq—[1101 or Hort 1102], Biol 2102) Selection, growth, propagation, and maintenance of trees for urban spaces. Tree selection, site preparation, plant health care management. Prevention, diagnosis, and remediation of urban tree risks such as insects, pathogens, pollution, development, and climate change.

FR 4118. Physiological Ecology of Woody Plants. (3 cr; A-F; only. Prereq—One chemistry course, one biology course, one ecology course) Plant-water relations. Relations of biology to ecology/management. How physiological factors affect ecological processes and management decisions.

FR 4200H. Honors Seminar. (1 cr; A-F; only. Prereq—FR upper div honors, #) Current topics presented by faculty/students. Lectures. Discussions.

FR 4293. Directed Study. (1-5 cr; max 15 cr. Prereq—#) Study/project on topic of personal interest in consultation with faculty member. Initial proposal, reports of accomplishments.

FR 4501. Urban Forest Management: Managing Greenspaces for People. (3 cr. Prereq—[1101, 3051, Ent 4251, Pfp 3003, UF major or minor] or #) Management concepts for green infrastructure of cities, towns, and communities. Urban forest as a social/biological resource. Emphasizes management of urban forest ecosystem to maximize benefits to people. Tree selection, risk assessment, cost-benefit analysis, landscape planning, values, perceptions. How urban forestry can be a tool to improve community infrastructure.

FR 4801H. Honors Research. (2 cr; A-F only. Prereq—FR upper div honors, #) First semester of independent research project supervised by faculty member.


FR 5104. Forest Ecology. (4 cr; A-F only. Prereq—[Knowledge of basic botany, plant biology], grad student) or #) Forest/ecosystem characteristics of forests as ecological systems. Characteristics/dynamics of species, populations, communities, landscapes, and ecosystem processes. Applications applying ecology to forest management. Weekly discussions on research topics, exercises, current issues in forest resource management. Required weekend field trip.


FR 5118. Physiological Ecology of Woody Plants. (3 cr; A-F only. Prereq—Grad student or #) Plant-water relations. Relations of biology to ecology and management. How physiological factors affect ecological processes and management decisions.

FR 5131. Geographical Information Systems (GIS) for Natural Resources. (4 cr; A-F only. Prereq—Grad student or #) Introduction to GIS. Focuses on natural resources. Data structures, sources, collection, and quality. Lab exercises introduce geodesy, map projections, spatial analyses, and cartographic modeling.

FR 5142. Tropical Forest Ecology. (3 cr. Prereq—[3xx ecology course] Ecological principles related to form, function, and development of wet/dry tropical forests at organismal, community, and ecosystem scales. Ecophysiology, succession, productivity, biodiversity, sustainability, agroforestry, social forestry, and alternative forest distributions. Analysis of distribution of forest types. Causes, consequences, and extent of deforestation.


FR 5161. Northern Forest Field Course. (2 cr; A-F only. Prereq—#) Field identification of common trees, shrubs, and nonwoody vascular plants. Plant communities, soil-site relationships, wildlife values. Natural history of northern/boreal forests in terms of soils, ecological characteristics of trees, community-environment relationships, stand development, succession, and regeneration ecology. Land survey, tree/forest stand measurement, forest sampling techniques. Taught at Cloquet Forestry Center.

FR 5203. Forest Fire and Disturbance Ecology. (3 cr; A-F only. Prereq—[Grad student or #], course fee) Ecology, history, management, and control of fire, wind, insect infestation, browsing, and other disturbances in forest ecosystems. Disturbance regimes of boreal, northern hardwood, and other major forest types of North America. Influence of disturbance on wildfire habitat, urban/wildland interfaces, forest management, and stand/landscape dynamics. Guest speakers on fire organization, training, and operations. Two-day field trip.


FR 5218. Measuring and Modeling Forests. (3 cr; A-F only. Prereq—Grad student or #) General sampling design and survey techniques to assess current resource conditions. Application of metrics/sampling methods to forest vegetation. Calculation of tree/stand volume, selection of modeling approaches. Case studies of modeling to project future growth. Landscape processes, characterization, and modeling.

FR 5228. Advanced Assessment and Modeling. (3 cr; A-F only. Prereq—3218, Math 1272, Stat 2021) Application of recently developed mathematics, computer science, methodology to natural resource function, management, and use problems. Specific topics, software, and methodologies vary.


FR 5403. Teaching About Natural Resources. (1-2 cr. Prereq—ENR major or elementary teacher or #) Forest community, tools used by natural resource managers, management practices. Natural-resource-related indoor/outdoor activities that can be translated for classroom use. One intensive weekend required.

FR 5411. Managing Forest Ecosystems: Silviculture. (3 cr. Prereq—Grad student or #) Management of forest ecosystems for sustaining ecosystem integrity, soil productivity, water quality, wildlife habitat, biological diversity, commodity production in landscape context. Silvics, forest dynamics, disturbances, regeneration, restoration, silvicultural systems. Ramifications of management choices. Weekend field trip.


FR 5431. Timber Harvesting and Road Planning. (2 cr. Prereq—Grad student or #) Forest operations. Terminology, engineering, equipment/harvesting system options, productivity/ costs. Relationship to forest management and silviculture. Road planning, forest management guidelines. Mitigating potential impacts to soil/water resources. Environmental implications of method/equipment choices. Selling timber. Sale design, layout, and administration. Two all-day field trips.

FR 5471. Forest Planning and Management. (2 cr; A-F only. Prereq—Grad student or #) Processes/techniques for scheduling forest management. Goals of landowners, industry, government, and society. Issues/policies/regulations that influence management, predicating outcomes, financial analysis, regulation, mathematical models, linear programming, economic analysis. Landscape-level management, historical range of variability, wildlife management, carbon sequestration, resource monitoring, certification, adaptive management.

FR 5480. Topics in Natural Resources. (1-3 cr; max 12 cr. Prereq—#) Lectures in special fields of natural resources given by visiting scholar or regular staff member. Topics specified in Class Schedule.

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

FR 5501. Urban Forest Management: Managing Greenspaces for People. (3 cr. Prereq-Grad student or #)
Management concepts for green infrastructure of cities, towns, and communities. Urban forest as social/biological resource. Emphasizes management of urban forest ecosystem to maximize benefits. Tree selection, risk assessment, cost-benefit analysis, landscape planning, sales, perceptions. How urban forestry can be a tool to improve community infrastructure.

FR 5611. Field Silviculture. (3 cr. Prereq-3104, 3411)
Collection of field data to prepare/write silvicultural prescriptions for regeneration, thinning, and harvesting in context of landscape, watershed, and wildlife habitat issues. Field exercises in forest entomology, pathology, tree improvement, and non-timber forest products. Tree planting. Marking stands for harvest. Taught at Cloquet Forestry Center. Field trips to forests managed by state/industry.

FR 5615. Field Remote Sensing and Resource Survey. (2 cr; A-F only. Prereq-3218, 3262)
Field applications of remote sensing, sampling/measurement methods to inventory/mapping of forest and other natural resources. Offered at Cloquet Forestry Center.

FR 5621. Field Timber Harvesting and Road Planning. (2 cr. Prereq-[3411, 3431) or #)

FR 5700. Colloquium in Natural Resources. (1-3 cr. Prereq-#)
Colloquium in specialized topics in natural resources.

French (Fren)
Department of French and Italian
College of Liberal Arts

Fren 0001. Reading French in the Arts and Sciences. (0 cr; S-N only)
Basic reading knowledge of French language; intensive reading and translation of texts from a wide variety of disciplines. Students who successfully completing the course obtain Language Certification in French which satisfies a Graduate School requirement.

Fren 1001. Beginning French. (5 cr)
Basic listening, speaking, reading, and writing skills. Emphasis on communicative competence. Some cultural readings.

Fren 1002. Beginning French. (5 cr. Prereq-[1001 or equiv)
Basic listening, speaking, reading, and writing skills. Emphasis on communicative competence. Some cultural readings.

Fren 1003. Intermediate French. (5 cr. Prereq-[1002 or Entrance Proficiency Test)
Development of listening, writing, and speaking skills in the context of cultural themes related to the Francophone world. Grammar review and elaboration.

Fren 1004. Intermediate French. (5 cr. Prereq-[1003 or Entrance Proficiency Test)
Development of listening, reading, writing, and speaking skills in the context of cultural themes related to the Francophone world. Grammar review and elaboration.

Fren 1022. Accelerated Beginning French. (5 cr. Prereq-2 or more yrs high school French)
For students who have studied French in high school or at community colleges and who do not place high enough on placement exam to enter 1003. An accelerated review of Fren 1001 followed by the material covered in Fren 1002.

Fren 1904. The Poetry of Vision: Dante’s “Purgatory” and Trecento Painting. (3 cr; A-F only)
Examples of art of Dante’s time, including especially painting, but also architecture and manuscript illumination, from major Italian/French sources known to Dante.

Fren 1905. Freshman Seminar. (3 cr; A-F only. Prereq-Fr or max 26 cr or #)
Topics specific to Class Schedule.

Fren 1909W. Remembering to Forget: Holocaust and Its Afterlife. (3 cr; A-F only. Prereq-Fr or less than 26 cr)
The urge to study Holocaust as singular event is studied through testimonies, artistic endeavors, popular culture, and theory. Drawbacks of a hyper-memory bordered on trauma.

Fren 1910W. Freshman Seminar. (3 cr; A-F only. Prereq-Fr or max 26 cr or #)
Topics specified in Class Schedule.

Fren 3010. French Expression. (3-6 cr)
Intensive work in oral/written communication.


Fren 3015. Advanced French Grammar and Communication. (4 cr. Prereq-1004 or equiv or #)
Advanced study of French with particular emphasis on grammar review, vocabulary building, oral communication skills, and language usage in cultural contexts.

Fren 3016. Advanced French Composition and Communication. (4 cr. Prereq-3015 or equiv or #)
Advanced study of grammar in context; emphasis on writing for varied communicative purposes, reading for style and content, translation.

Fren 3018. French Oral Communication. (3 cr. Prereq-3014, 3015)
Intensive work in oral expression, listening comprehension. Incorporates wide variety of cultural topics.

Fren 3019. French Production and Speaking. (2 cr. Prereq-1004) The relationship between the written and the spoken word in French. Learn to read prose and poetry aloud from a text using appropriate French pronunciation, etc. Leads to play readings and possible performance.

Fren 3022. The Language and Culture of Business in France. (3 cr. Prereq-3015; completion of 3016 recommended) Examines French business language as well as business practices and culture in France. Includes cross-cultural analysis.

Fren 3101W. Introduction to French Literature. (4 cr. Prereq-3015 or equiv)
Close critical analysis of poetry, prose fiction, and plays. Introduction to literature and methods of literary analysis.

Fren 3111. Medieval Stories. (3 cr. Prereq-3101) Reading/discussion of major forms of medieval tale (comic, bawdy, moralizing, fantasy, historical) in modern French translation. Explores their relationship to development of French culture, especially urbanization, class relations, marriage, role of Church.

Fren 3140. Topics in Medieval and Renaissance Literature. (3 cr. Prereq-3101) Different aspects of French literature/culture of medieval/Renaissance periods (11th-16th century). Content varies depending on instructor. Literary, historical, or social problem. Period, author, genre or topic of interest. Readings may be literary, critical, cultural, historical, political, etc. Specific content posted in department and in Course Guide.

Fren 3170. The Unruly Subject(s) of Classicism: Writing, History, Power in Ancien Régime France. (3 cr. Prereq-3101) Different aspects of French literature/culture of 17th- and 18th-century France. Aesthetics of classicism, consolidation of state power, and representations of the individual in theater, novel, and prose.

Fren 3172. The Court Society: Literature, Culture, Spectacle. (3 cr. Prereq-3101) Examines the court and salon society in 17th-century France. The production of taste, sociability, and national identity is considered in literature, painting, architecture, and the plastic arts.

Fren 3181. Mapping Enlightenment in 17th- and 18th-Century French Prose. (3 cr. Prereq-3101) The themes, values, and critical strategies of the social and intellectual movement designated by the term Enlightenment. The legacy of the Enlightenment project will also be evaluated.

Fren 3240. Topics in Ancien Régime Literature. (3 cr. Prereq-3101) Different aspects of French literature/culture from early modern period (17th/18th centuries). Content varies depending on instructor. Literary, historical, or social problem. Period, author, genre or topic of interest. Readings may be literary, critical, cultural, historical, political, etc. Specific content posted in department and in Course Guide.

Fren 3250. French Poetry. (3 cr [max 9 cr]. Prereq-3101) The historical, political, and social contexts of the evolution of French poetry from its origins to the modern era. While primarily lyric poetry, epic and dramatic poetry may also be considered when appropriate.


Fren 3310. Literature of Revolution and Utopheal. (3 cr [max 9 cr]. Prereq-3101) A study of revolutionary movements in France seen through novels placed in historical context. Content may vary, but course will deal with radical historical, cultural and literary changes in France primarily in the modern period.

Fren 3321. Producing the Bourgeois Subject: The Sense of Self in 18th-Century French Literature. (3 cr. Prereq-3101) Examines the role of 18th-century literature in shaping the notion of self and social identity. Attention is given to the novel and its relation to new reading practices and publics.


Fren 3340. Topics in Modern French Literature. (3 cr [max 9 cr]. Prereq-3101) Different aspects of modern French literature/culture, defining modern period as that of post-Revolution France. Content varies depending on instructor. Literary, historical, or social problem. Period, author, genre, or topic of interest. Readings may be literary, critical, cultural, historical, political, etc. Specific content posted in department and in Course Guide.

Fren 3350. Topics in Literature. (3 cr [max 9 cr]. Prereq-3101) Focuses on a problem, period, author, or topic of interest. Specific content posted in department and listed in Course Guide.

Fren 3360. Coming of Age. (3 cr [max 9 cr]. Prereq-3101) A study of the literature of education and of the process of youth coming of age in society. Readings will vary and will be drawn from a number of time periods.

Fren 3371. Writing Crisis in (Post) Modern Times. (3 cr. Prereq-3101) Examines the meaning and purpose of the notion of crisis in French novels. How crises, be they personal, social or political, prompt writers to create new modes of (dis)connecting with other persons, institutions, and society.
Course Descriptions

Fren 3380. Modern Times: Literature of the 19th and 20th Centuries. (3 cr [max 9 cr]; Prereq–3101)
Various stages emphasizing the two centuries. Sample topics include: esthetic currents (Realism and the novel); cultural considerations (gendered representations); philosophical concerns (the relation of individuals to the social body in civil society).

Fren 3410. Québécois Literature. (3 cr [max 9 cr]; Prereq–3015)
Study writing produced in Quebec as a literature of its own, not simply as a part of Canadian literature. Literature will be studied in relation to other North American literatures and to Francophone literature produced elsewhere in the world.

Fren 3479. Francophone Writers of the African Diaspora. (3 cr. Prereq–3101)
Literature from Francophone North Africa, Africa, the Caribbean of the colonial and/or post-colonial eras, examined in its historical, cultural, or ideological contexts. Reading selections may include texts by immigrant or exiled writers in France.

Fren 3501. Structure of French: Phonology. (3 cr. §5501. Prereq–3014, 3015, Ling 3001 or #)
Advanced study of the sound system of contemporary French.

Fren 3502. Structure of French: Morphology and Syntax. (3 cr. §5502. Prereq–3501, Ling 3001 or #)
Linguistic study of contemporary French word forms (inflectional and derivational morphology); introduction to French syntax (linguistic study of grammar) and characteristic syntactic constructions.

Fren 3521. History of the French Language. (3 cr. Prereq–3015, Ling 3001 recommended)
Origins and development of the French language from Latin to contemporary French. Selected texts. Present stage and development.

Fren 3531. Sociolinguistics of French. (3 cr. §5531. Prereq–3501, Ling 3001 or #)
Explores variation in the use of French associated with factors such as medium (oral/written), style (formal/informal), region, social and economic groups.

Fren 3541. Oral Discourse of French. (3 cr. Prereq–3015; Ling 3001 recommended)
Nature of contemporary spoken French discourse. Focuses on spontaneous, multi-speaker discourse. Readings include examples of various linguistic approaches to such discourse. Emphasizes syntactic analysis, phonological/lexical particularities, ‘Macro’ level analyses such as discourse analysis and conversation analysis.

Fren 3601. French Civilization and Culture I. (3 cr. Prereq–3015)
Roman occupation of Gaul to 1715.

Fren 3602. French Civilization and Culture II. (3 cr. Prereq–3015)
1705 to present.

Fren 3650. Topics in French/Francophone Cultures. (3 cr [max 9 cr]; Prereq–3015)
Focus on aspects of French and/or francophone cultures in various historical, social, political, and geographical contexts.

Fren 3705. Atlantic Crossings: The French View Americans (and Vice Versa). (3 cr. Prereq–Not for majors)
French perspectives on the United States and American perspectives on France in “travel literature and film examined in their historical, political, and cultural contexts. Taught in English. Knowledge of French helpful but not necessary.

Fren 3706. Quebec: Literature and Film in Translation. (3 cr. Prereq–Not for major)
A survey of Quebec literature and film in English or with subtitles. Particular attention paid to cultural tensions as well as to the impact of women writers and filmmakers on each genre.

Fren 3710W. Reading Libertinage: Dangerous Lessons in Translation. (3 cr [max 9 cr]; Prereq–Non [major or minor] in French or [French [major or minor]], #; students [majoring or minoring] in French arrange work in French [reading, writing] with instructor)
Libertinage and the libertine in French literature of 17th/18th centuries. Literary forms as ways to produce/question culture. Taught in English. All readings in English.

Fren 3733. The Idea of Paris. (3 cr)
Ranges across literature, painting, photography, film, and architecture. Meanings that the idea of Paris acquired in modern French cultural imagination. Paris read critically as urban metaphor, myth, or allegory of urban modernity. Views of Paris as defining American cultural imagination. Taught in English.

Fren 3750. Topics in French/Francophone Literature and Culture. (3 cr [max 9 cr]; Prereq–Non-French major; knowledge of French helpful)
Theme, problem, period, or topic of interest in French or Francophone literature or culture. See Class Schedule. Taught in English.

Fren 3995. Directed Teaching. (1-5 cr [max 25 cr]; S-N only. Prereq–A)
Directed teaching.

Fren 4101W. Honors: Seminar in French Studies. (3 cr. Prereq–Completion of all pre-elective requirements for major or permission of DUS)
Reading/discussion of contemporary issues in French studies, workshop on senior projects.

Fren 4101W. Seminar in French Studies. (3 cr. Prereq–Completion of all pre-elective requirements for major or permission of DUS)
Reading and discussion of contemporary issues in French studies and workshop on senior projects.

Fren 4510. Topics in French Linguistics. (3 cr [max 9 cr]; Prereq–3015 or equiv; 2016 recommended)
Topics selected from French syntax, pragmatics, discourse analysis, or sociolinguistics.

Fren 4970. Directed Readings. (1-4 cr [max 9 cr]; Prereq–#)
Designed to meet unique requirements agreed upon by a faculty member and a student. Individual contracts are drawn up listing contact hours, number of credits, written and other work required. Each contract will vary.

Fren 5250. Promenades Poétiques: The Subject in Motion. (3 cr [max 9 cr]; Prereq–3111 or above)
The search for the subject in poetry and poetic prose as revealed through the motif of the “promenade” and experimentation with literary forms.

Fren 5260. The Returns of Tragedy. (3 cr [max 9 cr]; Prereq–3111 or above)
Tragedy as dramatic form in relation to social order, myth and history, and theatre.

Fren 5270. “To Change or not to Change?”: Speculations on (Post) Modern French Texts. (3 cr [max 9 cr]; Prereq–3111)
The meaning and purpose of the notion of “change” in French novels. Explore how a multiplicity of causes produces major changes in an individual’s personal and public life. The notion of change as it relates to financial and intellectual speculation.

Fren 5301. Critical Issues in French Studies. (3 cr. Prereq–# for undergrads)
Introduces the methods of interpretation and critical debates that have shaped and continue to define the discipline of French studies. Provides a practical introduction to graduate-level literary research.

Fren 5350. Topics in Literature and Culture. (3 cr [max 12 cr; Prereq–3101 or equiv])
Problem, period, author, or topic of interest. See Class Schedule.

Fren 5470. Post/Colonial Francophone Literatures. (3 cr [max 9 cr]; Prereq–3101 or above)
Francophone literature from North Africa, Africa, and the Caribbean of the colonial and/or post-colonial eras in the light of relevant literary and cultural theories.

Fren 5501. Structure of French: Phonology. (3 cr. §3501. Prereq–Ling 3001 or Ling 5001, grad student)
Advanced study of sound system of contemporary French.

Fren 5502. Structure of French: Morphology and Syntax. (3 cr. §3502. Prereq–5501 or #)
Linguistic study of contemporary French word forms (inflectional and derivational morphology); introduction to French syntax (linguistic study of grammar) and characteristic syntactic constructions.

Fren 5531. Sociolinguistics of French. (3 cr. §3531. Prereq–Ling 3001 or 5001, grad student)
Explores variation in the use of French associated with factors such as medium (oral/written), style (formal/informal), region, social and economic groups.

Fren 5541. Oral Discourse of French. (3 cr. Prereq–3015, grad student; Ling 5001 recommended)
Nature of contemporary spoken French discourse. Focuses on spontaneous, multi-speaker discourse. Readings include examples of various linguistic approaches to such discourse. Emphasizes syntactic analysis. Phonological/lexical particularities, ‘Macro’ level analyses such as discourse analysis and conversation analysis.

Fren 5995. Directed Teaching. (1-6 cr [max 24 cr]; S-N only. Prereq–#)
Directed teaching.

French and Italian (Frit)
Department of French and Italian
College of Liberal Arts

Frt 3802. Cinema and Realism. (3 cr)
Examines French poetic realism, relating it to two other periods of realist film, Italian Neorealism and American film noir. Taught in English. Knowledge of French helpful but not necessary.

Frt 3803. New Wave Cinemas: Love, Alienation and Landscape in Post-War Italian and French Film. (3 cr)
Modernist Italian and New Wave French cinema after WWII, focusing on film syntax, constructions of gender, and the individual’s relationship to the modern urban and rural landscape. Taught in English. Knowledge of Italian and French helpful but not necessary.

Frt 3804. Cinema and Culture: The City of Paris. (3 cr)
How French cinema, from the silent era to the present, reflects and constructs the pleasures and anxieties of urbanization, new modes of entertainment, and new cultural roles for men and women. Taught in English. Knowledge of Italian and French helpful but not necessary.

Frt 3850. Topics in French and Italian Cinema. (3 cr [max 9 cr]; Prereq–Knowledge of [French or Italian] helpful but not required)
Theme, period, director, filmmaker, or topic of interest in French/Italian cinema. See Class Schedule. Taught in English.

Frt 5257. Passionate Beings: Literary and Medical Problems in Italy and France from 1800 to the Present. (4 cr)
Literary and medical representations of the passions in France and in Italy from 1800 to the present. Texts range from theatrical works to medical treatises on the passions as ways for exploring notions of subjectivity, responsibility, order. Taught in English.

Frt 5850. Topics in French and Italian Cinema. (3 cr [max 9 cr]; Prereq–Knowledge of [French or Italian] helpful but not required)
Theme, period, director, filmmaker, or topic of interest in French/Italian cinema. See Class Schedule. Taught in English.

Frt 5999. Teaching of French and Italian: Theory and Practice. (3 cr)
Theoretical and practical aspects of language learning and teaching applied to French and Italian. Includes history of foreign language teaching in 20th-century United States. Taught in English.
Course Descriptions

General College (GC)


GC 0643. Mathematics: Programmed Study. (0 cr. Prereq–4 cr equiv; # UC only) Basic mathematics, elementary algebra, or intermediate algebra for students who need to learn math at their own pace. Instructor assigns topics for each student based on first-day pretest.

GC 0712. Introductory Algebra, Part I. (0 cr. §0616, §0621, §0716, §0721, §1435. Prereq–4 cr equiv; # UC math placement) Traditional lecture/discussion course with group work. Covers first half of content of a first course in algebra at level of difficulty geared for students at a research university. Arithmetic review, real number operations, equations, inequalities, rectangular (x-y) graphs.

GC 0713. Introductory Algebra, Part II. (0 cr. §0616, §0621, §0631, §0721, §1443, §1444, §1445, §1446. Prereq–4 cr equiv; grade of at least C in [0713 or 0717 or 0721 or 0722] or GC math placement) Traditional lecture/discussion course with group work. Covers second half of content of a first course in algebra at level of difficulty geared for students at a research university. Graphing review, linear systems, word problems, exponents, polynomials, factoring.

GC 0716. Introductory Algebra, Part I: Computer. (0 cr. §0616, §0621, §0712, §0721, §1435. Prereq–4 cr equiv; # UC math placement) Students learn via multimedia software. Instructor helps students individually during class. No lectures. Covers first half of content of a first course in algebra at level of difficulty geared for students at a research university. Arithmetic review, real number operations, equations, inequalities, rectangular (x-y) graphs.

GC 0717. Introductory Algebra, Part II: Computer. (0 cr. §0616, §0621, §0631, §0713, §0721, §1435. Prereq–4 cr equiv; §0712, §0716, #) Students learn via multimedia software. Instructor helps students individually during class. No lectures. Covers second half of content of a first course in algebra at level of difficulty geared for students at a research university. Graphing review, linear systems, word problems, exponents, polynomials, factoring.

GC 0721. Introductory Algebra. (0 cr. §0616, §0621, §0631, §0713, §0717, §0721, §1435. Prereq–4 cr equiv; # UC math placement) Traditional lecture/discussion course with group work. Covers content of a first course in algebra at level of difficulty geared for students at a research university. Real number operations, expressions, equations, inequalities, rectangular graphs, systems, word problems, exponents, polynomials, factoring.

GC 0731. Intermediate Algebra. (0 cr. §0618, §0625, §0631, §0732, §1443, §1444, §1445. Prereq–4 cr equiv; grade of at least C in [0713 or 0717 or 0721 or 0722] or GC math placement) Traditional lecture/discussion course. Covers content of a second course in algebra at level of difficulty geared for students at a research university. Rational expressions, absolute value, roots, radicals, quadratic, exponential, and logarithmic functions, complex numbers.

GC 0732. Intermediate Algebra (Computer). (0 cr. §0618, §0625, §0631, §0731, §1443, §1444, §1445, §1446. Prereq–4 cr equiv; grade of at least C in [0713 or 0717 or 0721 or 0722] or GC math placement) Students learn via multimedia software. Instructor helps students individually during class. No lectures. Covers content of a second course in algebra at level of difficulty geared for students at a research university. Rational expressions, absolute value, roots, radicals, quadratic, exponential, and logarithmic functions, complex numbers.

GC 1041. Developing College Reading. (2 cr; max 6 cr. Prereq–Nonnative speaker of English, CE enrollment, #) Comprehension/study strategies for reading college-level textbooks. Previewing a textbook for content/organization. Underlining and making margin notes. Outlining, anticipating test questions, and interpreting technical vocabulary. Paired with a designated content course.

GC 1042. Reading in the Content Area. (2 cr; max 6 cr. Prereq–Nonnative speaker of English, CE enrollment, #) Reading skills/strategies for a content area. Previewing/predicting content/organization. Note taking, outlining, anticipating test questions, and interpreting technical sub/technical vocabulary. Paired with designated content course.

GC 1051. Introduction to College Writing: Workshop. (2 cr; §1407. Prereq–[§1421 or §1422], nonnative speaker of English) Language editing strategies. Review of linguistic features of standard written English. Style/language in writing. Small-group activities. In-group or individual conferences.


GC 1081. Academic Development Seminar: Supplemental Instruction in Sociology. (1 cr; A-F only. Prereq–[0810 or 0815], #) [specific content course], adviser approval) Methods of study in social science courses. Note taking, exam preparation, and time management. Specific writing tasks, critical thinking, research methods, essay/presentation styles associated with disciplinary content.

GC 1082. Academic Development Seminar: Supplemental Instruction in the Sciences. (1 cr; A-F only. Prereq–[0810 or 0815], #) [specific content course], adviser approval) Methods of study in social science courses. Note taking, exam preparation, and time management. Specific writing tasks, critical thinking, research methods, essay/presentation styles associated with disciplinary content.

GC 1083. Academic Development Seminar: Supplemental Instruction in the Humanities. (1 cr; A-F only. Prereq–[0810 or 0815], #) [specific content course], adviser approval) Methods of study in humanities courses. Note taking, exam preparation, time management. Specific writing tasks, critical thinking skills, research methods, essay/presentation styles associated with disciplinary content.

GC 1084. Academic Development Seminar: Supplemental Instruction in Mathematics. (1 cr; A-F only. Prereq–[0810 or 0815], #) [specific content course], adviser approval) Methods of study in mathematics courses. Note taking, exam preparation, time management. Necessary math background, specific problem-solving techniques, application of mathematical concepts associated with disciplinary content.

GC 1085. Academic Development Seminar: Supplemental Instruction in Composition. (1 cr; A-F only. Prereq–[0810 or 0815], #) Methods of study in composition courses. Note taking, exam preparation, time management. Specific writing tasks, research methods, essay/presentation styles associated with disciplinary content. Awareness of roles, identity, needs, and interactions with diverse groups. Expectations, resources, and challenges associated with transition into college. Speakers, journals/portfolios, technology, reading/writing assignments, classroom exercises/experiences.


GC 1112W. Ecological Evaluation of Environmental Problems. (3 cr) Relating ecological concepts (energy flow, material cycling) to causes/effects of environmental problems (world hunger, toxic waste, global warming, acid rain). Methods of evaluating the impact on the environment. Critical evaluation of potential interventions.


GC 1132. Essentials of Human Anatomy and Physiology. (3 cr) Health/disease examined by organ system (e.g., urinary, reproductive). Access to lecture material/activities via the Internet. No lab.

GC 1133. Nature Study. (4 cr) Natural history. Several Twin Cities habitats are surveyed/characterized. Students spend time in the field, measuring soil/climate conditions and identifying plants/animals found in each habitat. Students collect specimens and make a scientific plant collection.

GC 1135. Human Anatomy and Physiology. (4 cr) Health/disease examined by organ systems (e.g., urinary, reproductive). Access to lecture material/activities via Internet. Lecture/lab.

GC 1161. Solar System Astronomy. (4 cr. Prereq–UC) Planets, satellites, asteroids, comets, and meteorites. The celestial sphere, coordinate systems, time intervals, motions, and physical attributes of planets and of their satellites. Instruments used by astronomers and by space probes.


GC 1166. Principles of Chemistry. (3 cr. Prereq–0713 or 0721 or equiv) Problem-solving. Classification of matter, elements, atomic/molecular structure, compounds, molecule calculations, chemical bonding, empirical formulas, chemical reactions, stoichiometry, bond energy, enthalpy, gases/gas laws, solutions, solution concentrations, acids, bases, qualitative equilibrium.
GC 1171. Physical Geology. (4 cr)
Development of common land features (valleys, mountains, rivers, lakes) and processes responsible for their origin/change. Types of surface materials. Movements inside Earth and its effects on their surface. Lecture, lab: mineral/rock analysis, topographic map reading, landform identification, landscape interpretation.

GC 1172. Historical Geology. (4 cr)
Development of Earth's physical/chemical features through time, with changing patterns of life as a response. Problem-solving, logical deductions from facts. Lecture, lab: identification/interpretation of rocks, fossils, geologic maps, ancient environments, and geographies.

GC 1173. Geology of the National Parks. (4 cr)
Processes that produced scenic/geologic features of North America's national parks/memorials, using a regional approach. Role of national park system in modern society. Basic geology introduced as needed. Map analyses emphasized. Lecture, lab.

GC 1204. International Perspectives in the Social Sciences. (4 cr; A-H only)
Multidisciplinary exploration of world problems. Basic perspectives of four social sciences (anthropology, geography, political science, and economics) as applied to specific global problems such as terrorism, environmental degradation, and trade.

GC 1211. People and Problems. (4 cr)
Social problems that arise in a diverse society. Sociology as source of concepts and theories used to analyze problems such as unemployment, social inequality, violence, and environmental crisis. Fifteen hours in community involvement/service.

GC 1221. Minnesota History. (4 cr)
Minnesota geography, resources, exploration, settlement, ethnicity, economics, and politics related to the Upper Midwest, the United States, and Canada. Research/writing or family or local history as part of larger history of region and nation.

GC 1231W. U.S. Growth of National Power. (4 cr)
Political, technological, economic, and social aspects of growth of national power in the United States. Impact of U.S. power on people in North America and abroad, from the colonial era to present.

GC 1233. U.S. Government and Politics. (4 cr)

GC 1235W. Law in Society. (4 cr)
How social science concepts/research affect legal responses to social conflict. History/philosophy of American law. Interaction of social/legal institutions. Effect of beliefs/social conditions on laws addressing family, criminal, employment, and environmental controversies.

GC 1251. World History: Since 1500. (4 cr)
Political, economic, social, diplomatic, and intellectual aspects of major world cultures. Awareness of growing interdependence of peoples. Intercultural perspective on events that affect students' lives. Classroom simulations, lecture, discussion.

GC 1280. Psychology of Personal Development. (3 cr)
Using psychological research/theory for effective living. Establishing positive relationships, managing stress, maintaining physical/mental health, leadership, gender roles, and work roles. Development of appropriate study strategies for social science courses. Readings, writing assignments, discussion.

GC 1281L. General Psychology. (4 cr; §Psy 1001)
Individual growth, personality, computer technology are used to survey major psychological theories, concepts, and methods.

GC 1285W. Introduction to Cultural Anthropology. (4 cr)
How our lives are conditioned by culture. Fundamental concepts and theories. Study of anthropological materials, collaborative social research, cross-cultural comparison. Recognizing cultural realities. Ways of life of other cultures.

GC 1294. Economics in Contemporary Society. (4 cr)
Economic concepts to understand current events and government policies. Supply/demand, GDP, federal budget, fiscal/monetary policies, taxation, poverty, inflation, economic growth, unemployment, international trade.

GC 1311. Art: Genre Art. (3 cr; §3311)
Visual/performing arts produced in diverse American/international cultures. Slides, videos, galleries, performances, and music show how/why art is created. Students discuss various artworks, formulate/evaluate ideas/attitudes about art.

GC 1312. Identity, Community, and Culture in the Performing Arts. (4 cr; A-H only)
How multicultural arts/literature deal with themes of identity/community. Students practice one of the arts in class. Informal/critical writing. Lectures, discussions, interdisciplinarity, audiovisual presentations. Interdisciplinary, team-taught.

1364. Literature of the American Immigrant Experience. (3 cr)
Literature by/about immigrants. Historical/contemporary American immigrant experiences (conditions leading to and impact on the United States, inter-generational conflict). Readings include novels, poetry, expository prose, biographies, and oral histories.

GC 1365W. Literatures of the United States. (3 cr)
Stories, poetry, essays, and drama by diverse U.S. writers (mid-19th century to present) depicting conflicts/challenges of life in various stratas of American culture. Addresses multidimensional culture of the “American story.”

GC 1366. Images of Women in Literature. (4 cr)
Diversity of American women writers. Focuses on feminist re-interpretations of the literary canon. Portrayals of women across various identities based on race, class, sexuality, age, and religion. Readings include novels, short stories, poetry, essays, and plays.

GC 1367W. Contemporary Literature: International Perspectives. (4 cr)
Comparative readings in fiction, poetry, drama, and autobiography from contemporary writing not originating in the United States. Extensive formal/informal written assignments. Lecture, discussion.

GC 1371. Reading Short Stories. (3 cr)
Current short story format from diverse communities within North America, Africa, the Caribbean, and Europe. Emphasizes written literature inspired by oral "storytelling," storytelling as "theatre," and storytelling as communal endeavor.

GC 1374W. The Movies. (3 cr)

GC 1421. Writing Laboratory: Basic Writing. (3 cr)
Develop academic reading, writing, and research skills. Students write in response to a variety of assignments, receive extensive one-on-one assistance, and work on computers. Clear/effective expression emphasized through writing/revision.

GC 1422. Writing Laboratory: Communicating in Society. (3 cr; §1424, §Eng 1011, §Eng 1011H, §Eng 1012, §Eng 1012H, §Eng 1013, §Eng 1013H, §Eng 1014, §Eng 1014H, §Eng 1015, §Rhet 1101, §Preq-Grade of at least D in [1421 or equiv]),§ Writing description, research, and analysis based on work in community setting, and on readings/analysis. Students work three hours weekly off-campus site for approximately seven weeks. Extensive research and writing practice. Requires use of microcomputer.

GC 1423. Writing Laboratory: Community Service Writing. (3 cr; §1422, §Eng 1011, §Eng 1011H, §Eng 1012, §Eng 1012H, §Eng 1013, §Eng 1013H, §Eng 1014, §Eng 1014H, §Eng 1015, §Rhet 1101, §Preq-Grade of at least D in [1421 or equiv])"," Writing description, research, and analysis based on work in community setting, and on readings/analysis. Students work three hours weekly off-campus site for approximately seven weeks. Extensive research and writing practice. Requires use of microcomputer.


GC 1454. Statistics. (4 cr; §Stat 1001, §Preq-Grade of at least C in 0731 or equiv)
Problem solving and decision making through collection, analysis, and interpretation of data. Organization/presentation of data, summary statistics, sampling, probability, distributions, estimation, correlation, hypothesis testing, contingency tables, chi-square. Uses groups and computers.

GC 1456. Functions and Problems of Logic. (3 cr)
Formal (symbolic) techniques (e.g., Venn diagrams, truth tables, formal proofs) for evaluating validity of arguments. Translating English statements into symbolic system. Structure/complexity of valid reasoning.

GC 1461. Oral Communication in the Public Sphere. (3 cr)
Communication, ethics, and citizenship in interpersonal, group, and public contexts. Communication theory/experience in diverse verbal/nonverbal communication patterns/strategies. Individual/group activities, public presentations.

GC 1464. Group Process and Discussion in a Multicultural Society. (3 cr)
Nature of groups, how they form/function, what purpose they serve in U.S. society, and how leadership and other role behaviors emerge from their structure. Multicultural approaches to conflict management, diverse verbal/nonverbal communication patterns/strategies.

GC 1481. Creativity Art Laboratory: Experiences in the Media. (3 cr)
Discussing, reading, and writing about art. Creating art that reflects personal/cultural identity. Multicultural art works explored through slides/visits. How to analyze, interpret, and evaluate artwork.

GC 1485. Creativity: Photography. (4 cr; §Preq-Own camera [35 mm w/adjustable controls preferred], UC $50 lab fee) Conceptual, technical, and historical aspects of photography as art. Hands-on experience with camera control, film development, enlarging, and printing in black-and-white. Individual/group critiques of student portfolios. Lab.

GC 1511. Introduction to Business and Society. (4 cr)

GC 1513. Small Business Fundamentals With E- Business Applications. (3 cr)
Starting up, purchasing, owning, and operating a small business. Traditional research/developmental methods for growing business technology associated with the Internet. Moving toward one or more e-commerce applications in researching, starting, and operating a business.

GC 1534. Practical Law. (4 cr)
American legal process. Everyday legal matters. Courts, crimes, personal injury, contracts, consumer transactions, property ownership/insurance, debtor-creditor relations, banking, bankruptcy, international law.
Course Descriptions

GC 1540. Accounting Fundamentals I. (3 cr)

GC 1571. Introduction to Microcomputer Applications. (4 cr §1573, §1574. Prereq–0713 or 0717 or 0721 or 0722 or equiv)
Hands-on lab course. Instructor helps students individually during class. No lectures. Basic concepts. Word processing (edit/format text, tables, footnotes, headers, footers, mail merge, styles). Spreadsheets (data entry, format cells/worksheets, formulas, decision making using IF/THEN/ELSE, lookup tables, graphs).

GC 1573. Introduction to Word Processing. (2 cr §1571. Prereq–0713 or 0721 or equiv)
Hands-on lab course. Instructor helps students individually during class. No lectures. Basic concepts. Editing/formatting text. Tables, footnotes, headers, footers, mail merge, styles.

GC 1574. Introduction to Spreadsheets. (2 cr §1571. Prereq–0713 or 0721 or equiv)
Hands-on lab course. Instructor helps students individually during class. No lectures. Basic concepts. Entering data, formatting cells/worksheets. Formulas, decision making using IF/THEN/ELSE, lookup tables, graphs.

GC 1816. African-American Literature. (3 cr)
Short stories, novels, poetry, and drama by African American writers evaluated in context of internationalization. Intercultural perspectives. Tools to think about complex issues.

GC 1836. Asian-American Literature. (3 cr)
Historical/comparative prose, poetry, and drama analyzed to assess writers’ interpretations of their identity. Issues of governmental conflict/peer pressure.

GC 1901. Freshman Seminar: Environmental Issues. (3 cr §1902, §1903, §1904, §1905. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about environmental issues. Intensive, small-group setting.

GC 1902. Freshman Seminar: Cultural Diversity. (3 cr §1901, §1903, §1904, §1905. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about cultural diversity. Intensive, small-group setting.

Reading, discussion, critical analysis, and writing about citizenship/public ethics. Intensive, small-group setting.

GC 1904. Freshman Seminar: International Perspectives. (3 cr §1901, §1902, §1903, §1905. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about international perspectives. Intensive, small-group setting.

GC 1905. Freshman Seminar. (3 cr §1901, §1902, §1903, §1904. Prereq–Less than 30 cr)
Reading, discussion, writing, and critical analysis. Intensive, small-group setting.

GC 1906W. Freshman Seminar: Environmental Issues. (3 cr §1907W, §1908W, §1909W. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about environmental issues. Intensive, small-group setting.

GC 1907W. Freshman Seminar: Cultural Diversity. (3 cr §1908W, §1909W. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about cultural diversity. Intensive, small group setting.

GC 1908W. Freshman Seminar: Citizenship and Public Ethics. (3 cr §1906W, §1907W, §1909W. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about citizenship and public ethics. Intensive, small group setting.

GC 1910W. Freshman Seminar: International Perspectives. (3 cr §1906W, §1907W, §1908W. Prereq–Fewer than 30 cr)
Reading, discussion, critical analysis, and writing about international perspectives. Intensive, small group setting.

GC 1914. Human Genetics. (3 cr Prereq–Biol 3022 or Biol 3023 or #)
Principles of human genetics at the molecular, cellular, individual, and populations levels. Chromosomal and biochemical disorders; gene mapping; mutation and natural selection; variation in intelligence and behavior; genetic screening, counseling and therapy.

GC 1851. Multicultural Relations. (3 cr)
Nature of historical/contemporary multicultural relationships within American society. Intercultural, interethnic, interracial, and cross-gender relationships from semester to semester, genetic experiments with animals are performed.

Genetics, Cell Biology, and Development (GCD)

College of Biological Sciences

GCD 3022. Genetics. (3 cr §Biol 4003. Prereq–Biol 1002 or 1005; not for biology majors)
Mechanisms of heredity, their implications for biological populations, and applications to practical problems.

GCD 4015. Genetics Laboratory. (2 cr Prereq–Biol 4003 or Biol 4332)
Introduction to experimental techniques used in genetic analyses. Although experiments may vary from semester to semester, genetic experiments with model systems ranging from viruses to plants and animals are performed.

GCD 4025. Cell Biology Laboratory. (2 cr Prereq–Biol 4004 or #)
Experimental approaches to cell structure, function, and replication. Microscopy, autoradiography, cell fractionation, molecular/chemical analyses.

GCD 4034. Molecular Genetics. (3 cr Prereq–Biol 4003, Biol 4004; advanced biochemistry undergrad recommended) Molecular genetics of prokaryotes/eukaryotes. Gene regulation, genome analysis. Modern techniques such as recombinant DNA, targeted mutations, genome manipulation, and gene chip technology.

GCD 4111. Histology: Cell and Tissue Organization. (4 cr Prereq–Biol 4004 or #)
Structure and function of vertebrate tissues and organs. Lectures combine electron microscopy, light microscopy, physiology, and cell biology of higher animals. Labs concentrate on light microscopy of mammalian tissues.

GCD 4134. Endocrinology. (3 cr Prereq–Biol 3211 or Biol/Bioc 3021 or Biol 4331 or #)
Survey of structure and function of invertebrate and vertebrate endocrine systems.

GCD 4143. Human Genetics. (3 cr Prereq–Biol 4003 or #)
Principles of human genetics at the molecular, cellular, individual, and populations levels. Modern approaches in various model organisms. Genetic models such as bacteriophage, yeast, Drosophila, C. elegans, Arabidopsis, zebrafish, and the mouse.

GCD 4793W. Directed Studies: Writing Intensive. (1-7 cr [max 7 cr]; S-N only. Prereq–#)
Individual study on selected topics or problems. Emphasizes selected readings, use of scientific literature. Written report.

GCD 4794W. Directed Research: Writing Intensive. (1-7 cr [max 7 cr]; S-N only. Prereq–#)
Laboratory or field investigation of selected areas of research including written report.

GCD 4993. Directed Studies. (1-7 cr [max 7 cr]; S-N only. Prereq–#)
Individual study on selected topics or problems. Emphasizes selected readings and use of scientific literature.

GCD 4994. Directed Research. (1-7 cr [max 7 cr]; S-N only. Prereq–#)
Laboratory or field investigation of selected areas of research including written report.

GCD 5036. Molecular Cell Biology. (3 cr Prereq–Biol 4004 or #; [or grad student recommended]) Modern, integrative approaches combining cell/molecular biology, biochemistry, and genetics to investigate cell organization/function. Membranes, signaling, extracellular matrix, secretion, endocytosis, cytoskeleton, nucleus. Analysis of scientific papers to illustrate new concepts in and experimental approaches to cell organization/function.
Geographic Information Science (GIS)
Department of Geography
College of Liberal Arts

GIS 5555. Basic Spatial Analysis. (2 cr. Prereq–Stat 3001 or equiv)
Analysis of geographic data. Descriptive statistical methods extended to geographic (two dimensional) data. Measures unique to geographic data, such as measures of similarity and polygon shape, addressing match, and macro language programming.

GIS 5571. Introduction to Arc/Info. (3 cr. Prereq–Geog 5561 or equiv, status in MGS program, familiarity with computer operating systems or #) Introductory overview of the Arc/Info system. Topics include data capture, geometric transformations and map projections, topology, editing systems, database management and map production.

GIS 5572. Advanced Arc/Info. (3 cr. Prereq–5571, Geog 5561 or equiv, status in MGS program or #) Advanced course in Arc/Info providing in-depth exploration of the topics emphasized in GIS 5571 as well as advanced topics including advanced data analysis, addressing matching, and macro language programming.

GIS 5573. Desktop Mapping. (1.5 cr. Prereq–Geog 5561 or equiv, Geog 3511 or equiv, status in MGS program or #) Introduction to desktop mapping systems such as ArcView, MapInfo and MapTitude. Emphasizes the application of these systems to the display and analysis of geographical data.

GIS 5574. GIS and the Internet. (1.5 cr. Prereq–Geog 5561 or equiv, status in MGS program or #) The role of the Internet in GIS applications. Topics include GIS data sources on the Internet, the role of the Internet in information dissemination, Internet capabilities for interactive mapping and issues surrounding the development of GIS-related Web sites.

GIS 5575. Surveying and the Global Positioning System (GPS). (2 cr. Prereq–Geog 5561 or equiv, status in MGS program or #) Introduction to GPS (Global Positioning System) and other surveying techniques of use to GIS professionals. Topics include geodesy, data adjustment, datums, ellipsoids, coordinate systems, and transformations.

GIS 5577. Spatial Data Administration. (3 cr. Prereq–#) Theory/application for administration of geographic databases. Quality assurance, development planning/management, maintenance, access/distribution, documentation.

GIS 5578. GIS Programming. (2 cr. Prereq–MGS student or #) Opportunities/flexibility that computer programming offers to application of GIS technologies. Object-oriented programming techniques using Microsoft’s Visual Basic programming language. Students apply GIS principles/concepts within Visual Basic programs using ESRI’s MapObjects.

GIS 5590. Special Topics in GIS. (1-3 cr [max 6 cr]. Prereq–#) Special topics in geographic information science (GIS). Topics vary according to student needs, technological developments in field.

Geography (Geog)
Department of Geography
College of Liberal Arts


Geog 1301W. Introduction to Human Geography. (4 cr) Geography of population and principal ways of life; capacity of earth for future population.

Geog 1403. Biogeography of the Global Garden. (4 cr) The geography of biodiversity and productivity, from conspicuous species to those that cause human disease and economic hardship. The roles played by evolution and extinction, fluxes of energy, water, biochemicals, and dispersal. Experiments demonstrating interactions of managed and unmanaged biotic with the hydrologic cycle, energy budgets, nutrient cycles, the carbon budget, and soil processes.

Geog 1403H. Biogeography of the Global Garden. (4 cr) The geography of biodiversity and productivity, from conspicuous species to those that cause human disease and economic hardship. The roles played by evolution and extinction, fluxes of energy, water, biochemicals, and dispersal. Experiments demonstrating interactions of managed and unmanaged biotic with the hydrologic cycle, energy budgets, nutrient cycles, the carbon budget, and soil processes.


Geog 1502. Maps, Visualization and Geographical Reasoning. (4 cr) Fundamental issues related to the acquisition, storage, manipulation, analysis, display and interpretation of spatially-referenced data. Emphasis on mathematical analysis of these data and interpretation of cultural and physical patterns critical to the development of geographical reasoning.

Geog 1904. Freshman Seminar. (3 cr. Prereq–Fr or less than 36 cr) Topics specified in Course Guide.

Geog 1906. Freshman Seminar. (3 cr. A-F only, Prereq–Fr or more than 36 cr) Topics specified in Class Schedule.

Geog 1906W. Freshman Seminar. (3 cr; A-F only) Topics specified in Class Schedule.

Geog 1972. Geography of the Twin Cities. (3 cr) Social and physical characteristics of the Twin Cities. Their place in the urban network of the United States. Geog 3001. Geographic Inquiry and Human Development. (3 cr) Principles of geographic inquiry applied to understanding development. Climate formation; vegetation, soils; natural resources; cultural systems; production systems; demographic change; settlement and communications systems; social diffusion; political systems, nations, geopolitics; flows of goods, people, money; contrasting development; development inequalities.


Geog 3101. Geography of the United States and Canada. (4 cr. §3102) Analysis of the ways in which the aspirations and abilities of diverse groups of people interact with the complexities of the natural environment to produce the contemporary pluralistic cultures and regional differentiation of the United States and Canada.

Geog 3102. Geography of the United States and Canada. (3 cr. §2101) Analysis of ethical dilemmas and policy issues that arise as a result of the diverse ways in which different groups of people interact with the complexities of the natural environment in various regions of the United States and Canada.

Geog 3111. Geography of Minnesota. (3 cr) The evolution of Minnesota and its current geographical characteristics. The state is a unique political entity that possesses similarities with other states because of the homogenizing influence of the federal government.

Geog 3141. Africa. (3 cr) Regional differentiation of human groups and environments; culture contact and problems of underdeveloped countries south of the Sahara.


Geog 3161. Europe: A Geographic Perspective. (3-4 cr) Comparative analysis and explanation of Europe’s physical, demographic, ethnic/cultural, economic, political, and urban landscapes; European integration - the European Union; transformation of Eastern Europe. German language discussion group in conjunction with the course for 1 extra credit.


Geog 3211. East Asia. (3 cr. §5211, §§63 3211) Physical and human geography of Japan, mainland China and Taiwan, North and South Korea; population pressure, economic and urban development, and international relations.


Geog 3215. Geography of China. (3 cr. Prereq–§3211, §5211, §5215) Physical, human, and historical geography of greater China: mainland China and Taiwan; demographic transition; national minorities, economic and urban development, and international relations.
Geog 3331. Geography of the World Economy. (3 cr) Geographical distribution of resources affecting development; location of agriculture, industry, services; geography of communications; agglomeration of economic activities, urbanization, regional growth; international trade; changing global development inequalities; impact of globalizing production and finance on the welfare of nations, regions, cities.

Geog 3355. Environmental Quality. (3 cr) The quality of the human environment depends on 1) how humans make decisions about how to act, 2) how they act, and 3) how they evaluate both. In the United States, this process is best described as "disjointed incrementalism" in which governments, organizations, and individuals play distinct and important roles.

Geog 3361W. Land Use, Landscapes, and the Law. (3 cr) Landscapes are political statements. They reflect how individuals, organizations, and governments have exercised the legal rights that they possess to produce goods and provide services.

Geog 3371W. Honors: Introduction to Urban Geography. (4 cr; Prereq–Honors) Character, distribution, development of cities in present-day world. Internal/external locational relationships.


Geog 3373. Changing Form of the City. (3 cr) Urban origins, ancient cultures/cities, the medieval city, rediscovery of planning, colonial cities. Industrialization and urban expansion. Speculative cities, urban planning triumphs/disasters. Cities as reflections of society, culture, the past.

Geog 3374W. Honors: The City in Film. (4 cr; Prereq–Honors) Cinematic portrayal of changes in 20th-century cities worldwide. Social/cultural conflict, political/economic processes, changing gender relationships, rural versus urban areas, population/development issues (especially as they affect women/children). Additional weekly meeting discusses films, readings. Project on a topic selected in consultation with instructor.

Geog 3374W. The City in Film. (4 cr; Prereq–Honors) Cinematic portrayal of changes in 20th-century cities worldwide including social and cultural conflict, political and economic processes, changing gender relationships, rural versus urban areas, and population and development issues (especially as they affect women and children).

Geog 3375. Minority Settlement in America. (3 cr) Comparative analysis of minorities in American cities, including migration patterns, residential patterns, socioeconomic characteristics, public and private community enterprises, and class in urban structure.

Geog 3376. Political Ecology of North America. (3 cr; Prereq–Soph or jr or sr) Social production of nature in North America related to questions of social/environmental justice. Ecosystem, political, cultural, ecological relations that shape specific urban/rural environments, social movements that have arisen in response to environmental change. Importance of culture/identity in struggles over resources/environments.

Geog 3378. Third World Underdevelopment and Modernization (3 cr) Processes underlying socioeconomic change in the Third World. Evolving global economy and internal spatial and socioeconomic conditions. Theories of modernization, development, and underdevelopment.

Geog 3379. Environment and Development in the Third World. (3 cr; A-F only; Prereq–Soph or jr or sr) Basic concepts; relations between capitalist development and environment in Third World. Analytical concepts about historical geography of capitalist development, geographically/historically specific case studies, likelihood of social/environmental sustainability.

Geog 3381W. An Interacting World. (4 cr) Comparative analysis and explanation of trends in fertility, mortality, and international and population migration in different parts of the world; world population policies; theories of population growth; impact of population growth on food supply and the environment.

Geog 3401. Geography of Environmental Systems and Global Change. (4 cr; A-F only) Geographic patterns, dynamics, and interactions of atmospheric, hydrospheric, geomorphic, pedologic, and biologic systems as context for human population, development, and resource use patterns.

Geog 3401H. Honors: Geography of Environmental Systems and Global Change. (4 cr; A-F only; Prereq–Honors) Geographic patterns, dynamics. Interactions of atmospheric, hydrospheric, geomorphic, pedologic, biologic systems as context for human population, development, resource use patterns.

Geog 3411W. Geography of Health and Health Care. (3 cr; §5411) Application of human ecology, spatial analysis, political economy, and other geographical approaches to analyze problems of health and health care. Topics include distribution and diffusion of disease; impact of environmental, demographic, and social change on health; distribution, accessibility, and utilization of health practitioners and facilities.

Geog 3431. Plant and Animal Geography. (3 cr; §5431) Introduction to biogeography. Focuses on patterns of plant/animal distributions at different scales over space/time. Evolutionary, ecological, and applied biogeography. Paleobiogeography, vegetation-environment relationships, vegetation dynamics/disturbance ecology, human impact on plants/animals, nature conservation. Discussions, group/individual projects, local field trips.

Geog 3441. Quaternary Landscape Evolution. (3 cr; A-F only; Prereq–1403 or 3401 or §5411) Roles of climate change, geomorphic history, vegetation change, and soil development in evolution of landscape patterns during Quaternary Period. Emphasizes North America.

Geog 3511. Principles of Cartography. (4 cr; Prereq–3 cr in geog or §5411) History and development of U.S. academic cartography, coordinate systems and map projections, data classification and map generalization, methods of thematic symbolization, and cartographic design. A series of computer-based lab exercises will apply conceptual lecture material to the creation of thematic maps.

Geog 3531. Numerical Spatial Analysis. (4 cr) Introduction to and applied aspects of geographical quantitative methods with a focus on spatial analysis. Emphasis placed on the analysis of geographical data for spatial problem solving in both the human and physical areas of the discipline.

Geog 3561. Principles of Geographic Information Science. (4 cr; Prereq–2 kr or sr) Introduction to study of geographic information systems (GIS) for geography and non-geography students. Topics include GIS application domains, data models and sources, analysis methods and output techniques. Lectures, readings and hands-on experience with GIS software.

Geog 3561H. Honors: Principles of Geographic Information Science. (4 cr; Prereq–Honors, [jr or sr]) Introduction to study of geographic information systems (GIS). GIS application domains, data models/sources, analysis methods, output techniques. Lectures, readings, hands-on experience with GIS software.


Geog 3671. Contemporary Chinese Society: Mainland China, Hong Kong, Taiwan. (3 cr; A-F only; JEAS 3402, §5671) Prereq–1301 or Soc 1001 or equiv in other social sciences or humanities or §.

Geog 3900. Topics in Geography. (3 cr; [max 9 cr]) Special topics/regions covered by visiting professors in their research fields.

Geog 3973. Geography of the Twin Cities. (3 cr; §5973) Social/physical characteristics of Twin Cities. Their place in U.S. urban network.

Geog 3985W. Honors Senior Project Seminar. (4 cr; Prereq–Honors, §) Completion of research/writing of senior project.

Geog 3985W. Senior Project Seminar. (4 cr; Prereq–Honors, §) Completion of research/writing of senior project. Guided individual reading.

Geog 3992H. Directed Reading. (1-8 cr [max 12 cr]; Prereq–A, §) Guided individual reading.

Geog 3993. Directed Studies. (1-8 cr [max 12 cr]; Prereq–A, §) Individual guided research.

Geog 3993H. Honors: Directed Studies. (1-8 cr [max 12 cr]; Prereq–Honors, A, §) Individual guided research.

Geog 3994. Directed Research. (1-8 cr [max 12 cr]; Prereq–A, §) Individual guided research.


Geog 4001. Modes of Geographic Inquiry. (4 cr) Examination of competing approaches to the study of geography. Environmental determinism; regional tradition; scientific revolution; behavioral geography; modeling and quantitative geography; radial geography; interpretive and qualitative approaches; feminist and postmodern geography; ecological thinking and complexity; geographic ethics.

Geog 4002W. Social Theory and the Environment. (3 cr; Prereq–1 or sr) How human-nature relations are understood from perspective of social theory. Contemporary debates within human sciences. Interdisciplinary, reading-intensive.

Geog 4121W. Latin America. (3 cr) Interplay of natural environment and history in shaping contemporary Latin America. Political ecology of natural resources, food supply and distribution, urbanization and the informal economy, migration, ethnicity, and the role of the state and international agencies in domestic economies.
Course Descriptions

Geog 4382. Contemporary Immigrant America. (3-5 cr) Analysis and explanation of contemporary immigration trends; immigration policies; immigrant rights; immigrant integration and adaptation; ethnic group formation; ethnic identities; ethnic neighborhoods and communities; second generation; immigrant women; ethnic conflict; xenophobic reactions. Community Service Learning component for 2 extra credits.

Geog 4393. The Rural Landscape. (4 cr) Analysis of the three principal components of the rural landscape (the form of the land surface, the plant life that cloaks it, and the geography of people who have placed upon it). Emphasis on structures associated with agriculture including some discussion on mining, forestry, resort areas, and small towns.


Geog 5143. Geography of West Africa. (3 cr) West Africa from Senegal to Cameroon; social geography of resource use, population, settlement, economic development, and international relations.

Geog 5145. Development in Africa. (3 cr §AFRO 5145) Economic, political, and social development in Africa from independence to the present. Emphasis on reordering colonial landscapes, bases for North-South relations, big power intervention, and participation in the world economy.


Geog 5211. East Asia. (3 cr §3211, §EAS 3211) Open to graduate students in East Asian studies and other disciplines who wish to study the region from a geographical perspective. Research paper. Meets with 3211.

Geog 5215. Geography of China. (3 cr §3215) Open to graduate students in East Asian studies and other disciplines who wish to study the region from a geographical perspective. Research paper. Meets with 3215.


Geog 5371W. American Cities I: Population and Housing. (4 cr §PA 5201) Emergence of North American cities; residential building cycles, density patterns; metropolitan housing stocks, supply of housing services; population and household types; neighborhood-level patterns of housing use; housing prices; intraurban migration; housing submarkets inside metro areas; emphasis on linking theory, method, case studies.


Geog 5374W. The City in Film. (4 cr §3374. Prereq—Grad student or #) Cinematic portrayal of changes in 20th-century cities worldwide. Social/cultural conflict, political/ economic processes, changing gender relationships, rural versus urban areas, population/development issues (especially as they affect women/children). Meets concurrently with 3374. Additional weekly meeting discusses films, readings. Project on a topic selected in consultation with instructor.

Geog 5385. Globalization and Development: Political Economy. (4 cr §Prereq—3r or grad or #) Nature/scope of modern world system (capitalism), its impact on regional development processes. Roles of state and of international financial institutions.

Geog 5401. Geography of Environmental Systems and Global Change. (4 cr §Prereq—Grad student or #) Processes that create/change the spatial patterns of climate, vegetation, and soils. Potential of humans to alter climate, vegetation, and soil processes. Possible impacts of human-altered environmental conditions.

Geog 5411W. Geography of Health and Health Care. (3 cr §3411) Application of human ecology, spatial analysis, political economy, and other geographical approaches to analyze problems of health and health care. Topics include distribution and diffusion of disease; impact of environmental, demographic, and social change on health; distribution, accessibility, and utilization of health practitioners and facilities.

Geog 5421. Introduction to Atmospheric Science. (3 cr §SOL 5401. Prereq—Familiarity with fundamentals of physics, calculus, and statistics, including differential and integral calculus and basic differential equations and basic thermodynamics, mechanics, and the electromagnetic spectrum) Calculus-based introduction to atmospheric dynamics, radiation, thermodynamics, chemical composition, and physical processes. Applications to climate, meteorology, the hydrologic cycle, air quality, and biogeochemical cycles.

Geog 5423. Climate Models and Modeling. (3 cr §Prereq—3401 or #) Survey of development and research with simple and complex (three-dimensional) climate models. Environmental processes and their numerical representation in climate models; evaluation of model sensitivity and accuracy; coupling between atmosphere, biosphere, hydrosphere, and cryosphere; assessment of model predictions for climate change.

Geog 5426. Climatic Variations. (3 cr §Prereq—1425 or 3401 or #) Theories of climatic fluctuations and change at decadal to centuries time scales; analysis of temporal and spatial fluctuations especially during the period of instrumental record.

Geog 5431. Plant and Animal Geography. (3 cr §3431) Introduction to biogeography. Focuses on patterns of plant/animal distributions at different scales over time/space. Evolutionary, ecological, and applied biogeography. Paleo/biogeography, vegetation-environment relationships, vegetation dynamics/disturbance ecology, human impact on plants/animals, nature conservation. Discussions, group/individual projects, local field trips.

Geog 5441. Quaternary Landscape Evolution. (3 cr §Prereq—3401 or grad student or #) Roles of climate change, geomorphic history, vegetation change, and soil development in the evolution of landscape patterns during the Quaternary Period, with emphasis on North America.

Geog 5444. Water Resources, Individuals and Institutions. (3 cr §WRS 5101. Prereq—1402 or 3401 or grad or #) How water resources are controlled by natural system functions, user actions, and the influence of social and political institutions. Explore how these three levels of control vary in space and time, paying particular attention to the complexities of each of these controls and the feedbacks among them.

Geog 5511. Advanced Cartography. (3 cr §Prereq—3511 or #) Advanced topics on data sources for mapping; history of thematic cartography (focused on 19th-century European activity); multivariate classification and symbolization; models for cartographic generalization, spatial interpolation, and surface representation; principles of animated and multimedia cartography.

Geog 5512. Cartography: Topics. (3 cr §Prereq—3511 or 3531 or #) Selected topics include the system of cartographic communication, map design, map reading, map analysis, history of cartography.

Geog 5530. Cartography Internship. (2-7 cr [max 10 cr]) Provides intensive hands-on experience in contemporary map production and design, ranging from GIS applications to digital prepress. Strong computer skills essential.


Geog 5561. Principles of Geographic Information Science. (4 cr §Prereq—Grad) Introduction to the study of geographic information systems (GIS) for geography and non-geography students. Topics include GIS application domains, data models and sources, analysis methods and output techniques. Lectures, reading, and hands-on experience with GIS software.

Geog 5562. Geographic Information Science and Analytical Cartography. (3 cr §Prereq—3561 or 5561 and 3511; or #) Topics include algorithms and data structures for digital cartographic data, topological relationships, surface modeling and interpolation, map projections and geometric transformations, numerical generalization, and raster and vector processing. Hands-on experience using a variety of software packages.

Geog 5563. Advanced Geographic Information Science. (3 cr §Prereq—B or better in 3561 or 5561 or #) Advanced study of geographic information systems (GIS). Topics include spatial data models, topology, data encoding, data quality, database management, spatial analysis tools and visualization techniques. Hands-on experience using an advanced vector GIS package.

Geog 5564. Urban Geographic Information Science and Analysis. (3 cr §Prereq—5561 or 5563) Core concepts in urban geographic information science including sources for urban geographical and attribute data (including census data), urban data structures (focusing on the TIGER data structure), urban spatial analyses (including location-allocation models), geodemographic analysis, network analysis, and the display of urban data.

Geog 5565. Geographical Analysis of Environmental Systems and Global Change. (3 cr §Prereq—3561 or 5561 or FR 4131 or LA 5573 or one intro GIS course and grad or #) Applications of geographic information systems and other spatial analysis tools to the analysis of environmental systems patterns, dynamics, and interactions. Focus on global to landscape databases developed to analyze atmospheric, hydrospferic, geomorphic, pedologic, biologic, and human land use systems.

Geog 5588. Multimedia Cartography. (3 cr §Prereq—Minimum of three geo courses, including one cartography course or advanced standing in an allied field such as landscape architecture or #) Conceptualizing geographic topics in animatable form, selecting appropriate animation metaphors for geographical content, conceptualizing geographic topics in animatable form, selecting appropriate animation metaphors for geographical content.
Course Descriptions

Geog 5605V. Honors: Geographical Perspectives on Planning. (4 cr. §3605V. Prereq—Honors or grad student) Role of planning in shaping 19th-20th-century cities in Europe, North America, selected Third World countries. History of planning. Societal change, interest groups, power relations in planning process. Citizen participation/practice in planning. Meets with 3605. Includes additional weekly seminar-style meeting, bibliography project on topic selected in consultation with instructor.

Geog 5605V. Geographical Perspectives on Planning. (4 cr §3605) Open to graduate students and undergraduates wishing Honors credits. Includes one additional weekly seminar-style meeting and a bibliography project on a topic selected in consultation with the instructor. Meets with 3605.

Geog 5701. Field Research. (3 cr. Prereq—9 cr in geog, #) Field investigation in physical, cultural, and economic geography; techniques of analysis and presentation; reconstruction of environments.

Geog 5724. Meanings of Place. (3 cr. A-F only. §Arch 5724. Prereq—Jr or sr or grad) Analysis of the messages and meanings of our natural and built surroundings. Considers place-based responses to urban and rural settings based on aesthetic, historic, social, personal, and design perspectives. Uses extensive project and field work components and involves significant writing.

Geog 5775. Geographic Education. (3 cr. Prereq—Three courses in geography or history or social sciences of education or #) Teaching geography from middle school up; pedagogical use of geographical themes; methods for effective teaching of multiple cognitive domains—facts, theories, analytical skills, and evaluations; designing audio-visual aids, independent projects, simulations, etc. to meet National Standards in geography.

Geog 5900. Topics in Geography. (3 cr. [max 9 cr]. Prereq—Sr or grad, #) Special topics and regions. Course offered by visiting instructors. Meets with 3605.

Geological Engineering (GeoE) Department of Civil Engineering Institute of Technology

GeoE 3111. How to Model It: Building Models to Solve Engineering Problems. (3 cr) Problem formulation design and construction of models, and drawing conclusions from modeling results. Students learn how to use computer-based modeling tools working in small groups on a number of problems from various engineering contexts.


GeoE 4010. Caspian Design. (3 cr; A-F only. Prereq—CE, GeoE, or Geo upper division or graduate student or #) Team participation in formulation and solution of open-ended civil engineering problems from conceptual stage through preliminary planning; public hearings and design, and environmental impact statements to preparation of final plans and specifications, and award of contracts.

GeoE 4111. Engineering Systems Analysis. (3 cr. Prereq—Upper division IT) Systems Analysis focuses on a broader “systems” approach of viewing problems. The techniques of operations research—decision engineering, network analysis, simulation, linear programming, and expert systems—are used to represent systems, and especially to assess behavioral and environmental design systems. The major tools used will be Spreadsheet and Visual Basic programming. Methods covered could include: finite differences, boundary element, finite element and control volume finite element.

GeoE 4121. Computer Applications in Civil Engineering II. (3 cr; A-F only. Prereq—CE or GeoE upper div; 3101, Math 2243, Math 2263) Advanced application of computer tools and methods in solving partial differential equations resulting from the analysis of civil engineering problems. The major tools used will be Spreadsheet and Visual Basic programming. Methods covered could include: finite differences, boundary element, finite element and control volume finite element.


GeoE 4311. Rock Mechanics II. (3 cr; A-F only. Prereq—Upper division or grad student in IT; 3311, CE 3311, or #) Failure mechanisms in rock masses. Elasto-plastic solutions applied to underground excavations. Design of linings and support systems; rock-support interaction. In situ stresses and excavation shape. Instrumentation and monitoring.

GeoE 4341. Engineering Geostatistics. (3 cr; A-F only. Prereq—GeoE, CE, or Geo upper division or grad student; Stat 3021 or #) Problem solving and decision making in civil and geological engineering using applied statistics. Emphasis on spatially correlated data, e.g. geologic site characterization, and spatial sampling design.

GeoE 4351. Groundwater Mechanics. (3 cr; A-F only. Prereq—IT upper division or grad student; CE 3502 or #) Basic equations. Shallow confined and unconfined flows, two-dimensional flow in the vertical plane, and transient flow. Flow from rivers and lakes toward wells. Determination of streamlines and pathlines in two and three dimensions. Introduction to contaminant transport. Elementary computer modeling.

GeoE 4352. Groundwater Modeling. (3 cr; A-F only. Prereq—Upper division student in IT; 4351, CE 4351, or #) Principle of analytic element method. Mathematical and computer modeling of single and multiple aquifer systems. Application to actual field problems. Theory and application of contaminant transport models, including capture zone analysis.

GeoE 5311. Experimental Geomechanics. (3 cr; A-F only. Prereq—IT upper division or grad student; 4301, CE 4301, or #) Machine stiffness; closed-loop testing. Small-strain theory. Measurement of deformation; strain gages, LVDTs, accelerometers, and associated circuits. Direct and indirect testing. Material behavior: experiments on anisotropic, damaged, and fluid-filled solids.

GeoE 5321. Geomechanics. (3 cr; A-F only. Prereq—IT upper division or grad student; 4301, CE 4301 or #) Review of elasticity theory and solution of some elastic boundary value problems relevant to geomechanics. Wave propagation in unbounded elastic media. Elements of fracture mechanics and applications. Elements of poroelasticity and applications.

GeoE 5341. Wave Methods for Nondestructive Testing. (4 cr; A-F only. §ICE 5341. Prereq—[AEM 2021, AEM 3031] or #) Introduction to contemporary methods for nondestructive characterization of objects of civil infrastructure (e.g., highways, bridges, geotechnical sites). Imaging technologies based on propagation of elastic waves; ultrasonic and resonant frequency methods, seismic surveys, acoustic emission monitoring. Lecture, lab.

Geology and Geophysics (Geo) Department of Geology and Geophysics Institute of Technology


Geo 1003. Dinosaur Evolution, Ecology, and Extinction: Introduction to the Mesozoic World. (3 cr) Dinosaurs and the Mesozoic Earth are used to introduce evolution, plate tectonics, climate change, and Earth systems. Overview of the history of dinosaur interpretations illustrates the principles and social aspects of scientific investigation.


Geo 1005. Geology and Cinema. (4 cr; A-F only §1005) Physical processes shaping the Earth, materials it comprises, its nearly five billion year history as told spectacularly, but often wrongly, by Hollywood movies.

Geo 1006. Oceanography. (4 cr) How various processes in the ocean interact. Marine biology, waves, tides, coastal processes, marine geology, and human interaction with the sea. Labs include study of live marine invertebrates, manipulation of oceanographic data, and discussion using videos showing unique aspects of ocean research.

Geo 1011. Volcanoes of the Earth. (4 cr) Nonmathematical introduction to volcanoes, their origin and distribution on Earth and through time; theory of plate tectonics, origin of magmas and the Earth’s interior; products of volcanoes, types of eruptions and hazards, and impact on climate, vegetation, and society.


Geo 1081. Conspiracies, Fraud, and Deception in Earth History. (1 cr) Famous cases of geological deception from three centuries are presented in the intellectual context of their time and demonstrate the prevailing power of scientific reasoning.
Geo 1101. Introduction to Geology. (3 cr) §1001
Physical processes that shape the Earth: volcanoes, earthquakes, landslides, glaciers, rivers. Current environmental issues and global change. Lecture.

Geo 1102. Introduction to Earth History. (3 cr) §1002
Evolution of life on Earth. Interrelationships of plate tectonism, climate change, and organic evolution that led to the present ecosystem. Impacts of hominid evolution on Earth systems and of geological processes on human society.

Geo 1901. Freshman Seminar: Environment. (1-3 cr [max 6 cr]; A-F only. Prereq–Fr with no more than 24 cr) Topics vary. See Class Schedule.

Geo 1904. Freshman Seminar: International Perspectives. (1-3 cr [max 6 cr]; A-F only. Prereq–Fr with no more than 24 cr) Topics vary. See Class Schedule.

Geo 1905. Freshman Seminar. (1-3 cr; A-F only. Prereq–Fr with fewer than 24 cr) Topics vary. See Class Schedule.

Geo 1906W. Freshman Seminar: Writing Intensive and Environmental Theme. (1-3 cr [max 6 cr]; A-F only. Prereq–Fr with fewer than 24 cr after matriculation) Topics vary: see freshman seminar topics.

Geo 1909W. Freshman Seminar: Writing Intensive and IP Theme. (1-3 cr; A-F only. Prereq–Fr with fewer than 24 cr after matriculation) Topics vary: see freshman seminar topics.

Geo 1910W. Freshman Seminar: Writing Intensive. (1-3 cr; A-F only. Prereq–Fr with fewer than 24 cr after matriculation) Topics vary: see freshman seminar topics.

Geo 2111H. Honors: Earth Science. (4 cr; A-F only. §1001. Prereq–IT Honors Curr or IT Honors Office consent) Application of physics and chemistry to the structure and dynamics of the Earth.

Geo 2201. Geodynamics I: The Solid Earth. (3 cr. Prereq–Phys 1201 or §) Dynamics of solid Earth, particularly tectonic system, Seismology, internal structure of Earth. Earth’s gravity, magnetic fields. Paleomagnetism, global plate tectonics, tectonic systems. Field trip.

Geo 2301. Mineralogy. (3 cr. Prereq–Chem 1021, Math 1271) or § Crystalllography, crystal chemistry, physics. Physical/chemical properties, crystal structures, chemical equilibria of major mineral groups. Lab includes crystallographic, polarizing microscope, X-ray powder diffraction exercises, hand-specimen mineral identification.

Geo 2302. Petrology. (3 cr. Prereq–2301 or §) Magmatic and metamorphic processes, with an emphasis on plate tectonic interpretation of rock sequences.


Geo 3002. Climate Change and Human History. (3 cr) Causes of long-/short-term climate change. Frequency/magnitude of past climate changes; their geologic records. Relationship of past climate changes to development of agrarian societies and to shifts in power among kingdoms/city-states. Emphasizes last 10,000 years.


Geo 3093. Problems in Geology and Geophysics: J unior. (1-4 cr [max 6 cr]; A-F only. Prereq–§) Geologic or geophysical problems studied independently under the direction of a faculty member.

Geo 3096. Geology of Iceland. (4 cr; A-F only. Prereq–[I001 or 2011, 2301, 2302] or §) Geologic processes that form Iceland. Tectonics, volcanology, geosearch of Iceland and its social structure and culture. Lectures, field trips.


Geo 3870. Modeling Workshop. (2 cr [max 2 cr]. Prereq–Geo or Geophys or GeoEng major or §) Modeling of geologic or geophysical systems.

Geo 3880. Laboratory Workshop. (1 cr [max 1 cr]. Prereq–Geo or Geophys or GeoEng major or §) Geologic or geophysical lab study.

Geo 3890. Field Workshop. (1 cr [max 2 cr]. Prereq–Geo or Geophys or GeoEng major or §) Geologic or geophysical field study.

Geo 3911. Introductory Field Geology. (4 cr; A-F only. Prereq–§2001, §) Geologic mapping on topographic maps and aerial photos; field identification of igneous, sedimentary and metamorphic rocks; measurement of stratigraphic sections; study of structural and geomorphic features.

Geo 4010. Undergraduate Seminar: Current Topics in Geology and Geophysics. (1-4 cr [max 12 cr]. Prereq–§) Topics in geology and geophysics investigated in a seminar form.

Geo 4093. Problems in Geology and Geophysics: Senior. (1-4 cr [max 6 cr]. Prereq–§) Nonstructured research course enabling seniors to engage in independent research under faculty supervision.

Geo 4094. Senior Thesis. (2 cr [max 4 cr]. Prereq–Sci, Geo or GeoPhys major or §) Nonstructured research course enabling senior-level majors to engage in independent research under faculty supervision. Select problems according to individual interests and consultation with faculty committee. Thesis and oral defense.

Geo 4096. Geologic Field Studies in Iceland. (4 cr; A-F only. Prereq–[II01 or 1001] or [2301, Geo 2302] or §) Lectures, field research in various parts of Iceland. Focuses on individual projects in southwest Iceland. Write-up, oral presentation of field studies.

Geo 4102W. Vertebrate Paleontology: Evolutionary History and Fossil Records of Vertebrates. (4 cr; A-F only. Prereq–1001 or 1002 or Biol 1001 or Biol 1002 or Biol 1009 or §) Vertebrate evolution (exclusive of mammals) in phylogenetic, temporal, functional, and paleoecological contexts. Vertebrate anatomy. Methods in reconstructing phylogenetic relationships and origin/history of major vertebrate groups, from Cambrian Explosion to modern diversity of vertebrate animals.


Geo 4203. Principles of Geophysical Exploration. (3 cr. Prereq–Phys 1302) Seismic exploration (reflection and refraction), potential techniques (gravity and magnetics) and electrical techniques of geophysical exploration.


Geo 4211. Solid Earth Geophysics I. (3 cr; A-F only. Prereq–2201, Phys 1302) Basic elasticity, basic seismology, and physical structure of the Earth’s crust and deep interior.

Geo 4212. Solid Earth Geophysics II. (3 cr; A-F only. Prereq–2201, Phys 1302) Dynamics of the solid Earth, mostly mantle and core; seismic tomography, geothermal measurements, gravity, time-dependent deformation of the Earth, computer modeling.

Geo 4221. Application of Magnetism in the Natural Sciences and Engineering. (2 cr §Phys 4221. Prereq–Phys 1302) Multidisciplinary application of magnetism and magnetic phenomena. Survey for nonspecialists covers fundamental principles of magnetism and how this ubiquitous phenomenon is used in a variety of science and engineering disciplines. Physics of magnetism, rock magnetometry, biomagnetism, magnetic sensors, and magnetic recording.

Geo 4301. Igneous and Metamorphic Petrology. (3 cr. Prereq–2302, Math 1272) or § Theoretical development of basic thermodynamic tools, chemogeoanalytic analysis for interpreting chemical processes in igneous/metamorphic rocks. Problem sets.


Geo 4501. Structural Geology. (3 cr. Prereq–2201, 2302) Fundamental concepts related to deformation of Earth’s crust. Processes associated with deformation, faulting, folding, fabric development. Lab/research include solving problems, conducting physical/numerical experiments. Field trips.

Geo 4502. Tectonic Styles. (3 cr. Prereq–4501 or §) Origin and nature of major types of tectonic disturbances affecting the crust and lithosphere, including analysis of the form and development of individual structural components and relationship to plate tectonics. Changes over geologic time in the nature of orogenic processes.

For definitions of course numbers, symbols, and abbreviations, see page 300.
Geo 5003. Dinosaur Evolution for Teachers. (3 cr. Prereq: Ed degree) Dinosaur evolution and Mesozoic Earth used to introduce evolution, plate tectonics, climate change, and Earth systems. History of theories about dinosaurs illustrates principles and social aspects of scientific investigation. Required project designed to enhance ability to teach dinosaur evolution to K-12 students.

Geo 5006. Oceanography for Teachers. (3 cr. Prereq: Ed degree) How various processes in the ocean interact. Marine biology, waves, tides, chemical oceanography, marine geology, and human interaction with the sea. Labs include study of live marine invertebrates, manipulation of oceanographic data, and discussion using videos showing unique aspects of ocean research. Required design of modules for presenting course material to elementary or secondary school students.

Geology of human interaction with geology and geophysical phenomena. Examples drawn from ice age cycles, earthquakes, climate fluctuations, volcanic eruptions, atmospheric phenomena, thermal convection and other time-dependent natural phenomena. Modern concepts of nonlinear dynamics and complexity theory applied to geophysical phenomena.

Geo 5202. Geological Thermomechanical Modeling. (3 cr. Prereq: Math 2263 or §) Concept of heat and mass transfer processes in Earth’s crust and mantle. Quantitative study of analytical and numerical techniques.


Geo 5703. Regional Geomorphology. (2 cr. Prereq–5701 or §) Geology of a particular region of the country, emphasizing its geomorphology. One-week field trip to the area is taken during spring break. May be taken for credit more than once if regions are different.

Geo 5704. Glaciology. (3-4 cr. Prereq–Math 2263 or §) Theories of glacier flow. Internal structures and heat flow in glaciers and ice sheets. Geomorphic features produced by glaciers. Reading assignments and problems.

Geo 5705. Limnogeology and Paleoenvironment. (3 cr. Prereq–§) Within-lake, hydrogeologic, and landscape (geological/biological) processes that lead to formation of various proxy records of paleoenvironments. Systems approach to physical, geochemical, biogeochemical, and biotic proxies. Basic principles, case studies. Emphasizes how proxy records relate to paleoclimate.

Geo 5713. Tracers and Karst Hydrogeology. (3 cr. Prereq–§) Karst hydrogeology and application of tracers to determine source, age, and mixing parameters of water in various natural reservoirs. Physical and chemical principles and processes operating in karst hydrogeology; use of natural and synthetic chemical and isotopic tracers or tracers to follow movement and mixing of water through hydrologic cycle.

Geo 5802. Scientific Visualization. (3 cr. Prereq–CSci 1107 or CSci 1113 or §) Visualization hardware and software, three-dimensional graphics, representation of scientific data, modeling, user interface techniques, output, commonly used algorithms, animation, case studies and examples.

German (Ger)
Department of German, Scandinavian, and Dutch
College of Liberal Arts

Ger 0222. Reading German. (0 cr; Af-only) Teaches only a reading knowledge of German. Enables graduate students to satisfy departmental requirements for an advanced degree. Intensive reading of German scholarly texts. Emphasizes reading, grammar, some listening, discipline-specific vocabulary.

Ger 1001. Beginning German. (5 cr) Emphasis on working toward novice-intermediate proficiency in all four language modalities (listening, reading, speaking, writing). Topics include everyday subjects (shopping, directions, family, food, housing, etc.).

Ger 1002. Beginning German. (5 cr. Prereq–1001) Listening, reading, speaking, writing. Emphasizes proficiency. Topics include free-time activities, careers, and culture of German-speaking areas.
Course Descriptions


Ger 1020. Beginning German Conversation. (2 cr [max 8 cr]. Prereq–1001 or equiv) Maintaining language skills through conversational practice. Emphasizes speaking skills, but also includes listening, reading, writing. Reviews essential grammatical structures.

Ger 1022. Beginning German Review. (5 cr. Prereq–Placement above 1001) Intended for students with previous experience in German, primarily those who have studied German in high school or at community colleges, or who are transfer students. Intensive review of all four language modalities (listening, reading, speaking, writing), with a proficiency emphasis to prepare for German 1003.

Ger 1030. Intermediate German: Reading and Writing. (3 cr [max 8 cr]. Prereq–1003 or equiv) Consolidating/developing reading/writing skills.

Ger 1601. Fleeting Hitler: German and Austrian Filmmakers Between Europe and Hollywood. (3 cr) German/American films by famous directors who left Europe in Nazi period. Analysis of films by Fritz Lang, Max Ophuls, Robert Siodmak, Otto Preminger, Billy Wilder, Douglas Sirk, and others. Films as art works and as cultural products of particular social, political, and historical moments.

Ger 1909W. Freshman Seminar. (3 cr; A-F only) Topics specified in Class Schedule.

Ger 1910W. Freshman Seminar. (3 cr [max 6 cr]; A-F only) Topics specified in Class Schedule.

Ger 3011W. Conversation and Composition. (4 cr. Prereq–1004) Designed to help students achieve proficiency in professional or academic German. Attention is paid to the refinement of oral and written expression. A systematic review of the most important communicative modes of language and a wide range of topics are designed to take students to the advanced level of proficiency.

Ger 3012W. Conversation and Composition. (4 cr. Prereq–1001) Prepares students for upper-level language and content courses in German. Continues the same focus and approach as 3011 with the addition of a larger reading component.


Ger 3022. Advanced Business German. (3 cr. Prereq–Ger 3021 or equiv) Provides more intensive training in vocabulary and practices of German business in such areas as banking, trade, import/export, business management, marketing. Prepares students for the “International Test of Business German.”

Ger 3104W. Reading and Analysis of German Literature. (4 cr. Prereq–3011) Introduction to literary analysis. Readings from drama, prose, and lyric poetry, from 18th century to present.

Ger 3410. German Literature Before 1750. (3 cr [max 9 cr. Prereq–3011] Representative literary texts of German High Middle Ages, Renaissance, Reformation, and the Baroque, in cultural-historical context. Readings in modern German translation or English.

Ger 3421. 18th-Century German Literature. (3 cr. Prereq–3011) German literature, 1720-1810. Enlightenment/Weimar classicism in historic/cultural context. Reading/discussion of literary/philosophical works, aesthetic criticism.


Ger 3441. 20th-Century Literature. (3 cr. Prereq–3011) German literature, from 1890 to present, in historical, political, social, and cultural context.

Ger 3460. Women Writers in German Literature. (3 cr [max 9 cr]. Prereq–3011) Literary/historical investigation of selected German women writers, from perspectives of feminist theory, gender studies, and cultural studies/theory. Approaches may be thematic, generic, or chronological.

Ger 3490. Topics in German Literature. (3 cr [max 9 cr. Prereq–3011] Intensive exploration of specific authors, literary genres, or literary topics not covered in period courses. 

Ger 3501. Contemporary Germany. (3 cr. Prereq–3011) Social, political, and cultural developments in Germany, from 1945 to present.

Ger 3510. Topics in German Studies. (3 cr [max 9 cr. Prereq–3011] One topic in depth dealing with culture or civilization of German-speaking countries.

Ger 3511W. German Civilization and Culture: Middle Ages to 1700. (4 cr) Survey of representative cultural-historical events in Germany from early Germanic times to 1700.

Ger 3512W. German Civilization and Culture: 1700 to the Present. (4 cr) Survey of representative cultural-historical events in Germany from 1700 to the present.


Ger 3531. Selected Readings in German Intellectual History. (3 cr. Prereq–3011) Philosophical writings on culture, history, and art. Authors include Lessing, Schiller, Kant, Hegel, Marx, Nietzsche, and Freud.

Ger 3593. Directed Studies: German-Speaking Countries. (4 cr [max 12 cr]. Prereq–3011, A) Preparation for research abroad during semester before departure. Written/oral reports upon return.

Ger 3601. German Medieval Literature. (3 cr. Prereq–No knowledge of German required) Literary investigation of the greatest works of medieval German poetry. Readings in English. Majors will be required to write a paper with use of secondary sources in English and German.

Ger 3604W. Introduction to German Cinema. (3 cr) An introduction to the study of German cinema, with a focus on the relation between German film and German history, literature, culture, and politics.

Ger 3610. German Literature in Translation. (3 cr [max 9 cr. Prereq–No knowledge of German required; cr toward major or minor requires reading in German] In-depth study of authors or topics from various periods in German literature.

Ger 3631. Jewish Writers and Rebels in German, Austrian, and American Culture. (3 cr. Prereq–No German required; cr toward major/minor requires reading in German) Literary/cultural modes of writing used by Jewish writers in Germany, Austria, and America to deal with problems of identity, anti-Semitism, and assimilation. Focus on 20th century. All readings (novels, poetry, stories) in English.

Ger 3634. German Women and Cultural History: Constructing Selves in Narrative Texts. (3 cr. Prereq–No knowledge of German required; cr toward major or minor requires reading in German) Examination of narrative texts by German women writers against a background of the cultural history of Germany during the 20th century. Focus on personal narrative texts, both written and pictorial, and readings in literary and cultural theory and history. All readings in English.

Ger 3641. German Folklore. (3 cr. Prereq–No knowledge of German required; cr for major or minor by arrangement with instructor) Literary and cultural investigation of the main folklore genres: charms, legends, folktales, and ballads; their composition, origin, and role in society with a strong emphasis on their international character. Readings in English. Majors required to write a paper with use of secondary sources in English and German.

Ger 3642. The Grimms’ Fairy Tales, Feminism, and Folklore. (3 cr. Prereq–No knowledge of German required; cr toward major or minor requires reading in German) Exploration of the Grimms’ fairy tales and investigation of how various folk tale types and gender stereotypes developed and became classical models for children and adults. The genre of the literary fairy tale in Germany, Europe, and North America. Comparisons of original literary versions with contemporary tales. All readings in English.

Ger 3701. History of the German Language. (3 cr. Prereq–1004) Change in grammar and lexicon, 750 A.D. to present.

Ger 3702. Beginning Middle High German. (3 cr. Prereq–1004) Middle High German grammar. Selected literary texts.


Ger 3993. Directed Studies. (1-4 cr [max 12 cr. Prereq–A, J) Guided individual reading or study.

Ger 4040. German Play: Oral Interpretation and Performance of German. (3 cr [max 9 cr.] Dramatic reading of German play for pronunciation; preparation and rehearsal for production and performance of German play.


Ger 4622. German Cinema Since 1945. (3 cr. Prereq–3xxx film course or #) German cinema during the first years of postwar occupation and then in each of the two postwar German states, East and West Germany, from 1949-1990, and finally in the united Germany from 1990 on. Includes films of DEFA, “New German Cinema,” feminist cinema, German comedies of the 1980s and 1990s, etc.

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

Ger 5011. Advanced Conversation and Composition. (3 cr; Prereq–3011, (grad student or adv undergrad)) Achieving high proficiency in writing/speaking professional/academic German.

Ger 5016. Advanced Translation: Theory and Practice. (3 cr; Prereq–3016 or #) Translation theory, related issues in stylistics, philosophy of language; sample translations; student production of translations with methodological commentary.

Ger 5101. Analysis of German. (3 cr; Prereq–1004, Ling 3001 or Ling 5001 or #) Phonology, morphology, and syntax of standard German.

Ger 5410. Topics in German Literature. (3 cr [max 9 cr]; Prereq–2011) Topic may focus on a specific author, group of authors, genre, period, or subject matter. Topics specified in Class Schedule.

Ger 5510. Topics in Contemporary German Culture. (3 cr [max 9 cr]; Prereq–3011) A topic of contemporary German culture explored in depth.

Ger 5610. German Literature in Translation. (3 cr [max 9 cr]; Prereq–No knowledge of German required; cr toward major or minor requires reading in German) Study in depth of authors or topics from various periods in German literature.

Ger 5630. Topics in German Cinema. (3 cr [max 9 cr]; Prereq–3xxx film course or #) Topics chosen may focus on specific directors, genres, film production or reception, and/or other formal, theoretical, historical, or political issues.

Ger 5711. History of the German Language I. (3 cr; Prereq–3011) Historical development of German, from beginnings to 1450.

Ger 5712. History of the German Language II. (3 cr; Prereq–5711) Historical development of German from 1450 to 2000.

Ger 5721. Introduction to Middle High German. (3 cr) Introduction to Middle High German and literature. Study of grammar through formal description of Middle High German phonology, morphology, and syntax. Normalized MHG texts read.

Ger 5722. Middle High German: Advanced Readings. (3 cr; Prereq–5721) Acquisition of fluency in reading Middle High German normalized as well as non-normalized texts, both poetry and prose.

Ger 5731. Old High German I. (3 cr) Study of the monuments of Old High German. Detailed investigation of Old High German in comparison with the other Germanic languages.

Ger 5732. Old High German II. (3 cr; Prereq–5731) Study of the monuments of Old High German. Detailed investigation of Old High German in comparison with the other Germanic languages.

Ger 5734. Old Saxon. (2 cr) Study of the poetry of Old Saxon. Detailed investigation of Old Saxon in comparison with the other Old Germanic languages.

Ger 5740. Readings in Philology. (3 cr [max 9 cr]) Philological analysis of a chosen text in any medieval Germanic language.

Ger 5993. Directed Studies. (1-4 cr [max 12 cr]; Prereq–#; A, S only) Guided individual reading or study.

German, Scandinavian, and Dutch (GSD)
Department of German, Scandinavian, and Dutch
College of Liberal Arts
GSD 3451V. Honors Major Project Seminar. (4 cr; A-F only; Prereq–Honors) Major project under supervision of faculty member. Oral exam based on project.

GSD 3451W. Major Project Seminar. (4 cr; A-F only) Students prepare major project under supervision of faculty member.

GSD 5103. Teaching of Germanic Languages. (4 cr) Second language acquisition theory, methods, testing, and technology applicable to teaching of modern Germanic languages.

Gerontology (Gero)
Graduate School
Gero 5105. Multidisciplinary Perspectives on Aging. (3 cr) Sociological, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems (health, nutrition, long-term care, education); public policy and legislation; environment and housing; retirement.

Gero 5110. Biology of Aging. (3 cr) Biological changes that occur with aging. Methods for studying aging, descriptions of population aging. Theories on how/why we age. Process of aging in each body system, variation between individuals/populations. Clinical implications of biological changes with age. Guest lecturers from different disciplines.

Gero 5111. Studying Aging and Chronic Illness. (2 cr; Prereq–Introductory course in epidemiology or #) Methodological issues unique to studies of older populations. Focuses on measurement of epidemiological characteristics. Health conditions/disorders of older Americans.

GLBT Studies (GLBT)
College of Liberal Arts
GLBT 1001. Introduction to GLBT Studies. (3 cr) History of contemporary GLBT-identified communities. Terms of theoretical debates regarding sexual orientation, identity, and experience. Analyzes problems produced and insights gained by GLBT studies from an interdisciplinary perspective.

GLBT 3993. Directed Studies. (1-6 cr [max 6 cr] A-F only; Prereq–GLBT studies minor, #) Guided individual study. GLBT topic not available through regular course offerings. Students work with faculty who share their research interests. Number of credits based on scope of project, student needs, and advising instructor’s approval.

Global Studies (GloS)
Institute of International Studies
College of Liberal Arts


GloS 1200. Global Studies Practicum. (3 cr [max 6 cr]; A-F only) Exploratory experience in one part of the world as an integral feature of an undergraduate education and as preparation for learning the language of the area visited.

GloS 1902. Freshman Seminar. (3 cr; A-F only) Topics specified in Class Schedule.

GloS 1904. Freshman Seminar. (3 cr; A-F only; Prereq–Fr or max 30 cr) Topics specified in Class Schedule.

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

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


GloS 3101H. Theoretical Approaches to Global Studies. (4 cr; A-F only) Theoretically informed introduction to the social, political, economic, cultural, and historical processes shaping contemporary global phenomena. Topics may include nationalism, colonialism, cultural production, environmental sustainability, globalization of the economy, migration and diasporas, global conflict and cooperation.

GloS 3101H. Theoretical Approaches to Global Studies. (4 cr; A-F only) Theoretically informed introduction to the social, political, economic, cultural, and historical processes shaping contemporary global phenomena. Topics may include nationalism, colonialism, cultural production, environmental sustainability, globalization of the economy, migration and diasporas, global conflict and cooperation.

GloS 3103. Colonialism and Modernity. (3 cr; Prereq–[3101, 3144] or #) How modern world has been constituted by colonial encounter. Role of colonialism in construction of west. Images of non-western societies. Modernity in colonial/postcolonial societies. Problems/potential of universal categories such as democracy, gender, history, human rights. Globalization at the margins.

GloS 3144. Knowledge, Power, and the Politics of Representation in Global Studies. (4 cr; Prereq–6 cr in social sciences including [Geog 1301 or Hist 1015 or Hist 1019 or Hist 1012 or Hist 1018 or Pol 1025] Introduction to theoretical issues. Power/production of knowledge about world regions. Knowledge, power, and politics in contemporary world. Colonialism, nationalism, and modernity in shaping academic disciplines.
GloS 3144H. Honors: Knowledge, Power, and the Politics of Representation in Global Studies. (4 cr; [3144H. Honors, 6 cr in social sciences [including Geog 1301 or Hist 1015 or Hist 1019 or Hist 1012 or Hist 101B or Pol 1025])
Introduction to theoretical issues. Power, production of knowledge about world regions. Knowledge, power, and politics in contemporary world. Colonialism, nationalism, and modernity in shaping academic disciplines.

GloS 3212. Globalization, Markets, and Inequality. (3 cr; A-F only)
Globalization of American business/culture, uneven relationships between developed/underdeveloped national economies, social/economic consequences of market economies and free trade. Focuses on growing inequalities in global economy. Wall Street and transnational corporations, sweatshops, consumer culture, brand-name global marketing, mass downsizings.

GloS 3301. Environment and Empire. (3 cr; A-F only. Prereq-[3101, 3144] or #)
Key issues in environmental history. Global/local processes that have made the modern environment. Global spread of diseases, modern remaking of world’s flora/fauna, idea of nature. New technologies and the environment. Conservationist ideology.

GloS 3302. Debating “Development”: Contested Visions. (3 cr; A-F only. Prereq-[3101, 3144] or #)
Radical critiques of idea/practice of “development.” Debates over development. Vocabularies (Marxist, feminist, post-structuralist, ecological) that drive the debates.

GloS 3401. International Human Rights Law. (3 cr; A-F only. Prereq-[3101, 3144] or #)
Issues, procedures, advocacy strategies regarding promotion/protection of international human rights. Students analyze recent case studies of human rights violations in light of evolving laws, enforcement mechanisms.

GloS 3402. Human Rights Internship. (3 cr; A-F only. Prereq-[3401, -401])
Hands-on experience in one of many Twin Cities area organizations engaged in promoting/protecting international human rights. Students work 100 hours in non-governmental organization. Substantive background on human rights laws/procedures, organizational theory/management information about human rights programs.

GloS 3410. Interactive Global and Local Studies. (3 cr; A-F only. Prereq-[3401, 3144] or #)
Global studies topics studied through their local manifestations in the Twin Cities or Minnesota, and internationally through linked communication with classes at cooperating universities in other countries. Students communicate with counterparts abroad through e-mail to develop comparative/interactive elements in their study. Sample topics: role of the river in local history, grain storage and processing, manufacturing and trade, growth of the metropolitan area.

GloS 3550V. Honors Course: Supervised Research Paper. (4 cr)
Supervised research paper.

GloS 3552H. Honors Seminar: Making of the Modern World. (3 cr; A-F only. Prereq-MacArthur Program or [IntR, honors])
Interaction across ecological frontiers, changing power relations, restructuring of systems of production, creation of new cultures/identities.

GloS 3553H. Honors: Change in the Contemporary Global Order. (3 cr; A-F only. Prereq-#)
Important issues of global change: population growth, human migration; human relations with physical environment; struggles for popular power, sustainable democratic institutions; relations/conditions of work; cultural representations of social identities. Attention to U.S.-Mexican arena.

GloS 3558V. Honors: Research Seminar. (3 cr; A-F only. Prereq-Honors, global studies major)
Theoretical perspectives/methods available for research in global studies. Focus varies with instructor.

GloS 3602. Other Worlds: Globalization and Culture. (3 cr; A-F only. Prereq-[3101, 3144] or #)
Globalization produces complex, sometimes volatile, local responses. Course explores interconnectedness of the world, considering not one world, but many. Topics include colonialism, consumption, diasporic conditions, global media, nationalism, supra-national governance. Emphasis on how globality is experienced and contested locally and specifically.

GloS 3605. From Printing Press to Internet: Media, Communications, and History. (3 cr; A-F only)
Print public sphere in 17th, early 18th century. Political conflicts over freedom of press in 18th, 19th century. Emergence of advertising, public relations industries in 20th century. Significance of broadcast, computer network technologies for democratic political systems.

GloS 3607. Gender and the Global Politics of Health. (3 cr; A-F only)
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.

GloS 3620. Foreign Language News Coverage of International Events. (1 cr. Prereq-Completion of college language requirement in language used for course)
Compares coverage of current news in selected foreign language newspapers with coverage in a U.S. paper such as The New York Times.

GloS 3645. Islamic World. (3 cr; A-F only. Prereq-[3145])

GloS 3900. Topics in Global Studies. (3 cr [max 9 cr]
Topics vary every semester. See Class Schedule.

GloS 3906. Foreign Language Immersion Program Completion. (1 cr. Prereq-[3101, 3144] or #. Prereq-Entrolled in full course load in target language, permission of Foreign Language Immersion Program)
Credit attached to Foreign Language Immersion Program.

GloS 3910. Topics in East Asian Studies. (1-3 cr)
Selected topics in East Asian Studies not covered in regular courses. Topics reflect instructor interests.

GloS 3920. Topics in European Studies. (3 cr)
Topics vary. See Class Schedule.

GloS 3930. Topics in Latin American Studies. (3 cr)
Topics vary. See Class Schedule.

GloS 3940. Topics in Middle Eastern Studies. (3 cr)
Description varies with topic title.

GloS 3950. Topics in Russian Area Studies. (3 cr)
Description varies with topic title.

GloS 3960. Topics in South Asian Studies. (3 cr)
Topics vary. See Class Schedule.

GloS 3961. Culture and Society of India. (3 cr; #4671, 2023)

GloS 3981W. Major Project Seminar. (3 cr; A-F only)
Supports senior project by allowing students to formulate their own research questions, select a topic, develop and produce a 25-30 page undergraduate research paper.

GloS 3993. Directed Study. (1-4 cr [max 12 cr]. Prereq-#)
Guided individual reading or study.

GloS 4504W. Senior Project. (3 cr. Prereq-# or #)
Research methods, writing skills, and bibliography related to field of study.

GloS 4608. Grassroots Development Internship. (2-8 cr. Prereq-Admission to MSID program. A)
Grassroots internship with host-country development agency or project through Minnesota Studies in International Development. Community characteristics, development strategies/problems, organizational structure/culture, cross-cultural communication issues.

GloS 4609. MSID Directed Research. (2-8 cr [max 8 cr]. Prereq-Admission to MSID program. A)
Research project based on field work in Ecuador, India, Kenya, or Senegal through Minnesota Studies in International Development program.

GloS 4801. International Development: Critical Perspectives on Theory and Practice. (4 cr; A-F only. Prereq-)
Interdisciplinary approaches to development. Assumptions, competing paradigms, analysis of policies, projects, problems. Globalization, societal crisis, indigenous alternatives to dominant paradigm. Partially taught in separate sections to deepen understanding of particular topic (e.g., environment, health, education).

GloS 4802. Cross-Cultural Perspectives on Work. (4 cr; A-F only. Prereq-)

GloS 4803. MSID Country Analysis. (4 cr; A-F only. Prereq-)
Multidisciplinary study of host country. Emphasizes social sciences and history, especially concepts/information regarding development issues.

GloS 4805. Grassroots Development Internship. (4 cr; A-F only. Prereq-)
Grassroots internship with a host-country development agency or project through Minnesota Studies in International Development. Community characteristics, development strategies/problems, organizational structure/culture, cross-cultural communication issues.

GloS 4806. Topics: Case Studies in International Development. (4 cr; A-F only. Prereq-Admission to MSID program)
Development issues illustrated in students’ local-level projects through MSID. Focuses on a particular sector as it relates to development of country. Sample topics: environment and development; health and development; education, literacy, and development; women and development.

GloS 4807. Applied Field Methods. (4 cr; A-F only. Prereq-Admission to MSID program)
Application of selected field research methods in rural/urban settings in Asia, Africa, and Latin America. Analysis of practical, ethical, and theoretical issues raised through small field assignments and individual research projects.

GloS 4808. MSID Directed Research. (4 cr [max 4 cr]. A-F only. Prereq-MSID, #)
Research project based on field work in Ecuador, India, Kenya, or Senegal through Minnesota Studies in International Development (MSID).

GloS 4900. Senior Seminar in Global Studies. (3 cr; A-F only)
Prereq-[3101, 3144, global studies major or #]
Globalization, nationalism, colonialism, cultural production, environmental sustainability, globalization of economy, migration, diasporas, global conflict/cooperation, human rights. Students examine theoretical debates and cutting edge scholarship and develop their own research projects. Capstone course.
Course Descriptions

GloS 5900H. Honors: Senior Seminar in Global Studies. (3 cr; A-F only. Prereq–[3101, 3144, honors student, global studies major])

Globalization, nationalism, colonialism, cultural production, environmental sustainability, globalization of economy, migration, diasporas, global conflict/cooperation, human rights. Students examine issues in environmental and cutting edge scholarship and develop their own research projects. Capstone course.

GloS 5960. Advanced Topics in South Asian Studies. (3 cr. Prereq–I jr or sr or grad or #)

Topics vary. See Class Schedule.

GloS 5103. Colonialism and Modernity. (3 cr; A-F only. Prereq–[3101, Area 3144] or #)

How modern world has been constituted by colonial encounter. Role of colonialism in construction of the west. Images of non-western societies. Modernity in colonial/postcolonial societies. Problems/potential of universal categories such as democracy, gender, history, human rights. Globalization at the margins.

GloS 5114. International Perspectives—U.S.-Mexico Border Cultures. (3 cr. Prereq–Grad student)
The relations of Mexico and the United States from an international perspective with a central focus on the cultural interchange in the border lands between the two countries. Uses both literary and historical materials.

GloS 5301. Environment and Empire. (3 cr; A-F only. Prereq–[3101, 3144] or #)

Key issues in environmental history. Emphasizes global/colonial processes that have made modern environment. Global spread of diseases, modern remaking of world’s flora/fauna, idea of nature. New technologies and the environment. Conservationist ideology.

GloS 5410. Interactive Global and Local Studies. (3 cr; A-F only. Prereq–#)
Global studies topics, locally in the Twin Cities and Minnesota, and internationally through linked communication with classes at cooperating universities in other countries. Students communicate with counterparts abroad through e-mail to develop comparative/interactive elements. Possible topics: role of river in local history, grain storage/processing, manufacturing/trade, growth of metropolitan area.

GloS 5602. Other Worlds: Globality and Culture. (3 cr; A-F only. Prereq–[3101, 3144, grad student] or #)
Investigations of world. Considering not one world, but many. Colonialism, consumption, diasporic conditions, global media, nationalism, supra-national governance. How globality is experienced/contexted locally/specifically.

GloS 5603. Socialist/Post-socialist Transformations. (3 cr; A-F only)
Transformations underway in post-socialist societies of Eastern Europe, former Soviet Union. Ramifications of abandonment of state socialism, introduction of market relations. Effect of former system, new market system on cultural institutions/identities.

GloS 5643. Colonialism and Culture. (3 cr; A-F only)
Making of culture as colonial/anthropological object of knowledge. Relationship between colonial knowledge/formation of academic disciplines (especially anthropology), Colonial/postcolonial transformations of colony, nation, and metropole.

GloS 5801. International Development: Critical Perspectives on Theory and Practice. (3 cr; A-F only. Prereq–Admission to MSID prog, grad student) Interdisciplinary approaches to development. Assumptions, competing paradigms, analysis of policies, projects, problems. Globalization, societal crisis, indigenous alternatives to dominant paradigm. Partially taught in separate sections to deepen understanding of particular topic (e.g., environment, health, education).


GloS 5803. MSID Country Analysis. (3 cr; A-F only. Prereq–Admission to MSID prog, grad student) Multidisciplinary study of host country. Emphasizes social sciences and history, especially concepts/information regarding development issues.

GloS 5805. Grassroots Development Internship. (3 cr; A-F only. Prereq–Admission to MSID prog, grad student) Grassroots international development agency or project through Minnesota Studies in International Development. Community characteristics, development strategies/problems, organizational structure/culture, cross-cultural communication issues.

GloS 5806. Topics: Case Studies in International Development. (3 cr; A-F only. Prereq–Admission to MSID prog, grad student) Development issues illustrated in students’ local-level projects through MSID. Focuses on a particular sector as it relates to development of country. Sample topics: environment and development; health and development; education, literacy, and development; women and development.

GloS 5807. Applied Field Methods. (3 cr; A-F only. Prereq–Admission to MSID program) Application of selected field research methods in rural/urban settings in Asia, Africa, and Latin America. Analysis of practical, ethical, and theoretical issues raised through small field assignments and individual research projects.

GloS 5808. MSID Directed Research. (3 cr; max 4 cr. A-F only. Prereq–Admission to MSID prog, grad student) Research project based on field work in Ecuador, India, Kenya, Senegal through Minnesota Studies in International Development (MSID).


GloS 5910. Topics in East Asian Studies. (1-3 cr) Description varies with topic title.

GloS 5920. Topics in European Studies. (3 cr) Description varies with topic title.

GloS 5930. Topics in Latin American Studies. (3 cr) Description varies with topic title.

GloS 5940. Topics in Middle Eastern Studies. (3 cr) Description varies with topic title.

GloS 5950. Topics in Russian Area Studies. (3 cr) Description varies with topic title.

GloS 5960. Topics in South Asian Studies. (3 cr) Description varies with topic title.

GloS 5993. Directed Studies. (1-4 cr [max 12 cr]. Prereq–#. A, L) Guided individual reading or study. Open to qualified students for one or more semesters.

GloS 5994. Directed Research. (1-4 cr [max 12 cr]. Prereq–#. A, L) Qualified students work on a tutorial basis.

Greek (Grk)
Department of Classical and Near Eastern Studies

College of Liberal Arts

Grk 1001. Beginning Classical Greek I. (5 cr)
Introduction to classical Greek.

Grk 1002. Beginning Classical Greek II. (5 cr. Prereq–1001 or equiv)
Continuing work on Greek grammar and syntax; readings from classical Greek authors including Herodotus and Aristophanes.

Grk 1111H. Honors Course: Beginning Classical Greek. (3 cr. §1001. Prereq–1112, [honors or high ability as indicated by high school transcript])
Intensive Classical Greek covering material normally taught over two semesters.

Grk 1112H. Honors Course: Classical Greek, Recitation. (3 cr. §1002. Prereq–1111, [honors or high ability as indicated by high school transcript])
Drills, composition exercises.

Grk 3111. Intensive Classical Greek. (3 cr, §1001-1002, §1112, §3112. Prereq–Previous exp in another foreign language desirable)
Intensive introduction to classical Greek covering two semesters of material in one semester. Undergraduates in this course must also register for 3112 when taking this class.

Grk 3112. Intensive Classical Greek, Recitation. (3 cr. §1001-1002, §1112, §3111. Prereq–Previous exp in another foreign language desirable)
Drills and composition exercises to help students learn classical Greek. Students must also register for 3111 when taking this course.

Grk 3113. Intermediate Greek Prose. (4 cr; A-F only. Prereq–[1001, 1002, 3 yrs of high school Latin] or A) Readings in Classical Greek prose texts by one or more authors (e.g., Plato, Lysias, Xenophon, Herodotus). Review of grammar/morphology.

Grk 3114. Ionic Authors. (4 cr. Prereq–3113 or A) Students progress from intermediate to advanced Greek reading while exploring the world of Herodotus and Homer.


Grk 3300. Intermediate Greek Poetry. (4 cr [max 8 cr]. A-F only. Prereq–[1001, 1002, 3113] or [equiv, #]) Readings in ancient Greek poetry. Introduction to Greek meter. Homer and tragedy offered in alternate years. May be repeated when topics vary.

Grk 3310. Advanced Undergraduate Greek: Oratory. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek) One or more appropriate authors studied during each course offering.

Grk 3320. Advanced Undergraduate Greek: Tragedy. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek or A) Advanced reading in Greek tragedy.

Grk 3330. Advanced Undergraduate Greek: Comedy. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek or A) Advanced readings in Greek comedy.

Grk 3340. Advanced Undergraduate Greek: History. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek or A) Advanced readings from the Greek historians; traditions of Greek historiography.

Grk 3350. Advanced Undergraduate Greek: Philosophy. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek or A) Read one or more works of Plato or Aristotle in the original Greek and find out what they really mean. Texts vary with each offering.

Grk 3360. Advanced Undergraduate Greek: Religious Texts. (3 cr [max 9 cr]. Prereq–3114 or 3 yrs HS Greek or A) Reading and discussion of religious texts from Greek antiquity. Selections vary with each course offering.
Grk 3370. Advanced Undergraduate Greek: Epic. (3 cr [max 9 cr]; Prereq–3114 or 3 years HS Greek or A) Reading of classical Greek epic on an advanced level.

Grk 3380. Advanced Undergraduate Greek: Lyric. (3 cr [max 9 cr]; Prereq–3114 or 3 years HS Greek or A) Selections from Greek lyric poets.

Grk 3390. Advanced Undergraduate Greek: Romance. (3 cr [max 9 cr]; Prereq–3114 or 3 years HS Greek or A) Selections from the Hellenistic Romances of, e.g., Chariton, Longus.

Grk 3440. Advanced Undergraduate Greek: Later Greek Authors. (3 cr [max 9 cr]; Prereq–3114 or 3 years HS Greek or A) Selected topics in later Greek literature, especially Byzantine prose.

Grk 3450. Advanced Undergraduate Greek: Classical Authors. (3 cr [max 9 cr]; Prereq–3114 or 3 years HS Greek or A) Selected topics in classical Greek literature; topics specified in Class Schedule.

Grk 3951W. Major Project. (4 cr; Prereq–[Grk-Lat or Greek major], three 300 level courses], #, ∆) Research project using documents and other sources from the ancient world. Students select project in consultation with a faculty member, who directs the research/writing.

Grk 3960H. Honors Course: Advanced Undergraduate Greek Reading. (3 cr [max 12 cr]; Prereq–Regis in honors program or high ability as indicated by transcript) Student attends Greek 33xx, 3440, 3450 and does additional work for honors credit.

Grk 3993. Directed Studies. (1-4 cr) Moving step by step through Ancient Greek grammar, starting with simple sentences and progressing to complex ones. Course ends with students translating short passages of modern English prose into Greek.

Grk 5012. Prose Composition. (3 cr) Selected topics in classical Greek literature; topics specified in Class Schedule.

Grk 5013. Advanced Composition. (3 cr; Prereq–5012 or #) Detailed study of English-to-Greek verse composition and/or the writing styles of individual Greek authors.

Grk 5032. Text Criticism. (3 cr; Prereq–Grk 3114) Theory and practice. Elements of paleography and manuscript study. Basic tools for analyzing a textual apparatus with some independence; constructing a critical edition of a literary text.


Grk 5310. Greek Literature: Oratory. (3 cr [max 9 cr]) One or more appropriate authors studied in a given course.

Grk 5320. Greek Literature: Tragedy. (3 cr [max 9 cr]) Reading of Greek tragedy on advanced level.

Grk 5330. Greek Literature: Comedy. (3 cr [max 9 cr]) Advanced readings in Greek comedy.

Grk 5340. Greek Literature: History. (3 cr [max 9 cr]) Advanced readings from the Greek historians; traditions of Greek historiography.

Grk 5350. Greek Literature: Philosophy. (3 cr) Read one or more works of Plato or Aristotle in the original Greek and find out what they really mean. Selections vary with each offering.

Grk 5360. Literature: Religious Texts. (3 cr [max 9 cr]) Reading and discussion of religious texts from Greek antiquity, such as the Homeric Hymns, cultic verse, aretology, sacred tales, oracle texts.

Grk 5370. Greek Literature: Epic. (3 cr [max 9 cr]) Reading of classical Greek epic on an advanced level.

Grk 5380. Greek Literature: Lyric. (3 cr [max 9 cr]) Selections from the Greek lyric poets.

Grk 5390. Greek Literature: Romance. (3 cr [max 9 cr]) Selections from the Hellenistic Romances of, e.g., Chariton, Longus.

Grk 5440. Greek Literature: Later Authors. (3 cr [max 9 cr]) Selected topics in later Greek literature, especially Byzantine prose.

Grk 5450. Greek Literature: Classical Authors. (3 cr [max 9 cr]) Selected topics in classical Greek literature; topics specified in Class Schedule.

Grk 5621. Greek Paleography. (3 cr) Analysis of various hands used in Greek manuscripts with attention to date and provenance; history of the transmission of Greek literature.

Grk 5715. Introduction to the Historical-Comparative Grammar of Greek and Latin. (3 cr; Prereq–# or 2 yrs college Latin) Historical and comparative grammar of Greek and Latin from their Proto-Indo-European origins to the classical norms.

Grk 5993. Directed Studies. (1-4 cr [max 18 cr]; Prereq–#, ∆) Guided individual reading or study.

Grk 5994. Directed Research. (1-12 cr [max 18 cr]. Prereq.–#, ∆) Supervised original research on topic chosen by student.

Grk 5996. Directed Instruction. (1-12 cr [max 20 cr]; Prereq.–#, ∆) Supervised teaching internship.

Health Informatics (HInf)


HInf 5341. Health Informatics II. (4 cr; A-F only) Topics related to health care information systems. System integration and communications. System selection/deployment. Current technologies/strategic resources for healthcare organizations. Hebrew (Hebr)

Hebr 1001. Beginning Hebrew I. (3 cr) For beginners whose goal is biblical or post-biblical Jewish studies, or modern Israeli Hebrew. Leads to speaking, listening comprehension, and reading/writing Hebrew. Emphasizes communication proficiency. Cultural materials are incorporated.

Hebr 1002. Beginning Hebrew II. (3 cr; Prereq–1001 or #) Continuation of 1001. For students whose goal is biblical or post-biblical Jewish studies, or Modern Israeli Hebrew. Leads to speaking, listening comprehension, and reading/writing Hebrew with emphasis on communication proficiency. Cultural materials incorporated.

Hebr 1012. High Performance Hebrew I. (4 cr; Prereq–Previous exposure to Hebrew or ability to work at an intensive pace) Similar to Hebrew I. Intended for those who may have had previous exposure to the language but need a full presentation of course materials and for honors students and highly motivated beginners.

Hebr 1013. High Performance Hebrew II. (4 cr; Prereq–1012 or #) Similar to Hebrew II. Intended for those who may have had previous exposure to the language but need a full presentation of course materials and for honors students and highly motivated beginners.


Hebr 1105. Basics of Biblical Hebrew II. (4 cr; Prereq–Hebr 1104) Progression to more sophisticated reading of narrative, prophetic, and legal texts. Presentation and discussion of multiple approaches to problems and issues in biblical scholarship.

Hebr 3011. Intermediate Hebrew I. (5 cr; Prereq–1002 or qualified fr or #) Prepares students for CLA language requirement. Strengthens and extends proficiency in speaking, reading, writing, and comprehension of modern Hebrew. Read and discuss prose, poetry, news, and film. Important features of biblical and classical Hebrew introduced. Taught primarily in Hebrew.

Hebr 3012. Intermediate Hebrew II. (5 cr; Prereq–3011 or qualified fr or #) Extensive reading of simplified modern Hebrew prose selections. Discuss poetry, newspaper, film, and TV in Hebrew. Israeli cultural experiences. Hone composition, listening comprehension, and speaking skills to prepare for proficiency exams. Basic mastery of biblical prose and simple poetic texts. Taught in Hebrew.

Hebr 3015. Advanced Modern Hebrew I. (3 cr; Prereq–3012) Advanced studies in a variety of genres/media, including fiction, poetry, drama, film, and journal. Emphasizes expanded oral/written self expression. Materials from several periods are used to prepare for future specialized study. Taught in Hebrew.

Hebr 3016. Advanced Modern Hebrew II. (3 cr; Prereq–3015 or 5015 or qualified fr or #) A continuation of 3015. Emphasis on expanded oral and written self expression. Samples a variety of Hebrew periods to prepare for specialized study. Studies utilize a variety of genres and media including fiction, poetry, drama, film, and journal. Taught in Hebrew.

Course Descriptions

Hebr 3112. Rabbinic Texts II. (3 cr. Prereq-3111 or #) Selections from Mishnah, Gemara, Midrash and codes.

Hebr 3122. Medieval Hebrew Literature I. (3 cr. Prereq-3012 or #) Readings in medieval Hebrew philosophical texts including Sa’adia Gaon, Judah Halevi, Maimonides, and others.

Hebr 3123. Medieval Hebrew Literature II. (3 cr. Prereq-3012 or #) Medieval Hebrew religious and secular poetry. Representative poets from the Middle Ages: Yanai, Kalir, Ibn Gabirol, Halevi, others.

Hebr 3131. Talmudic Texts. (3 cr. Prereq-3012 or 3016 or #) Study of a tractate of Talmud Babli and Yerushalmi, Mishnah, Tosefta. Literary critical methods and attention to Talmudic Aramaic. Redactional and historical problems.

Hebr 3200. Advanced Classical Hebrew: Biblical Literature. (3 cr [max 9 cr]. §5200. Prereq-3012 or 310 or #) In-depth reading, analysis, and discussion of classical biblical Hebrew texts. Grammar, syntax. Introduction to text-criticism, history of scholarship, and scholarly tools. Format varies between survey of themes (e.g., law, wisdom, poetry) and extended concentration upon specific biblical books.

Hebr 3201. Readings in Biblical Hebrew I. (3 cr. Prereq-1002, 1105 or # or ability to speak Hebrew not required) Study text of the Hebrew Bible and learn to use basic research tools and commentaries. Close reading of narrative biblical texts. Develop reading fluency and familiarity with methods of research in biblical studies.

Hebr 3202. Readings in Biblical Hebrew II. (3 cr. Prereq-1002, 1105, 3201 or ability to speak Hebrew not required) Study text of the Hebrew Bible and learn to use basic research tools and commentaries. Close reading of narrative biblical texts. Develop reading fluency and familiarity with methods of research in biblical studies.

Hebr 3301. Modern Hebrew Prose (Survey of Hebrew Essays and Journals). (3 cr. Prereq-3016 or #) Works from 19th- and 20th-century Hebrew essayists. Jewish nationalism, literary criticism, social and political issues, religion, and philosophy. Readings from encyclopedia articles and journals.


Hebr 3351W. Major Project. (4 cr. Prereq-[Hebrew major, three 3xxx Hebrew courses], #, A) Research project using primary and secondary sources. Students select project in consultation with a faculty member, who directs the research/writing.

Hebr 3980. Directed Instruction. (1-4 cr. Prereq-#) For students interested in careers in Hebrew education. Observe and discuss classes. Gradually increased participation in preparing and presenting instructional materials to a beginning Hebrew class. Evaluation of materials, teaching techniques. Seminars with instructor and staff on language teaching issues.

Hebr 3990. Topics in Hebrew Studies. (1-4 cr [max 12 cr] Prereq-#) Historical, linguistic, literary, religious, or humanistic study of Hebrew society and culture. Approach and method of study varies with topic.

Hebr 3993. Directed Studies. (1-4 cr) Guided individual reading or study.


Hebr 4002. Beginning Hebrew II. (3 cr §1002. Prereq-1001 or equiv., [grad student]) Leads to speaking, listening comprehension, reading/ writing Hebrew. Emphasizes communication proficiency. Incorporates cultural materials. Meets concurrently with 1002.


Hebr 4105. Basics of Biblical Hebrew II. (3 cr §1105. Prereq-1104 or 4104, [grad student]) Progression to more sophisticated reading of narrative, prophetic, and legal texts. Presentation/discussion of multiple approaches to problems/issues in biblical scholarship. Meets with 1105.

Hebr 5015. Advanced Modern Hebrew I. (3 cr. Prereq-3012) Advanced studies in a variety of genres and media including fiction, poetry, drama, film, and journal. Emphasis on expanded oral and written self expression. Materials from several periods are used to prepare for future specialized study. Taught in Hebrew.

Hebr 5016. Advanced Modern Hebrew II. (3 cr. Prereq-3015 or 5015 or qualified fr or #) A continuation of 3015. Emphasis on expanded oral and written self expression. Samples a variety of Hebrew periods to prepare for specialized study. Studies utilize a variety of genres and media, including fiction, poetry, drama, film, and journal. Taught in Hebrew.

Hebr 5200. Advanced Classical Hebrew: Biblical Literature. (3 cr [max 18 cr]. §5200. Prereq-3012 or 3102 or #) In-depth reading, analysis, and discussion of classical biblical Hebrew texts. Grammar, syntax. Introduction to text-criticism, history of scholarship, and scholarly tools. Format varies between survey of themes (e.g., law, wisdom, poetry) and extended concentration upon specific biblical books.

Hebr 5992. Directed Readings. (1-4 cr [max 12 cr]) Prereq-3012 or #) Guided individual reading or study.

Hindi (Hindi)

Hindi Department of Asian Languages and Literatures
College of Liberal Arts

Hindi 1001. Introduction to Conversational Hindi. (3 cr; A-F only) Advanced grammatical structures, oral forms, new vocabulary reinforced from lessons around everyday life situations. Oral/written drills, reading for comprehension, audio-visual work.


Hindi 3131. Intermediate Hindi. (5 cr. Prereq-3131 or #) Development of reading, writing, speaking, and listening skills. Grammar review, some basic compositions and oral presentations.


Hindi 4003. Intermediate Hindi. (3 cr §3131. Prereq-4002, [completed CLA second language requirement or grad student]) Reading, writing, speaking, and listening skills. Grammar review, basic compositions, oral presentations. Meets concurrently with 3131.


Hindi 4161. Advanced Hindi. (4 cr Prereq-3132 or #) Continued emphasis on the development of communication skills, i.e., the ability to comprehend both written and spoken texts, and to speak, read, and write in Hindi beyond the intermediate level.

Hindi 4162. Advanced Hindi. (4 cr. Prereq-4161 or #) Continued emphasis on the development of communication skills, i.e., the ability to comprehend both written and spoken texts, and to speak, read, and write in Hindi beyond the intermediate level.

Hindi 5040. Readings in Hindi Texts. (2-4 cr [max 12 cr]; A-F only. Prereq-4162 or equiv or #) Reading, writing, speaking, and listening skills. Grammar review, basic compositions, oral presentations. Meets concurrently with 3132.

Hindi 5710. Topics in Hindi Language, Literature, and Culture. (4-5 cr) Topics in Hindi literature or the linguistic structure of Hindi.

Hindi 5990. Directed Research. (3-5 cr. Prereq-#, A, I) Guided individual reading or study of modern Hindi texts.
History (Hist)

Department of History

Course Descriptions

Hist 1011V. Honors: World History. (4 cr. Prereq–Fr or soph, honors student)
World civilizations in 1550. Compares religion, politics, economy, society, culture. Examples from Africa, Europe, Asia, the Americas.

Hist 1011W. World History. (4 cr. §1017. Prereq–Fr or soph)

Hist 1012V. Honors: World History. (4 cr. Prereq–Fr or soph, honors student)
World history, from 1450 to 1920s. Comparisons of and connections among various cultures. Emphasizes analyzing primary documents to show how historical knowledge is produced. Case studies. Web-enhanced.

Hist 1012W. World History: the Age of Global Contact. (4 cr. §1018. Prereq–Fr or soph)
Case study approach to world history from 1450 to 1920s. Comparisons of and connections among various cultures. Emphasizes analyzing primary documents to show how historical knowledge is produced. Web-enhanced course.

Hist 1015V. Introduction to Global History Since 1950. (4 cr; A-F only. §1015, §G05 1015S, §G05 1015H. Prereq–Fr or soph honors)

Hist 1015W. Introduction to Global History Since 1950. (4 cr; A-F only. §1015H, §G05 1015, §G05 1015H. Prereq–Fr or soph)

Hist 1017. World History. (3 cr. §1011)
World civilizations from prehistory to 1550, comparing religion, politics, economy, society, and culture. Examples drawn from Africa, Europe, Asia, and the Americas.

Hist 1018. World History: The Age of Global Contact. (3 cr. §1012)
Case study approach to world history from 1450 to 1920s. Comparisons of and connections among various cultures. Emphasizes analyzing primary documents to show how historical knowledge is produced. Course is Web-enhanced.

Hist 1019. Introduction to Global History Since 1950. (3 cr. §1019W, §1019V, §G05 1019W, §G05 1019V)

Hist 1026. Western Civilization From Its Origins to ca 1500. (3 cr. §1031W, §1031V)
Western civilization from its origins in ancient Middle East to Europe in 1500. Law, religion, government, history of ideas, social organization.

Hist 1027. Western Civilization From 1500 to Present. (3 cr. §1032)
Role of European civilization in world history from early 16th century to present. Broad chronological periods/themes.

Hist 1031V. Honors: Survey of Western Civilization, From Its Origins to ca 1500. (4 cr. Prereq–Fr or soph, honors student)
Development of western civilization, from its origins in ancient Middle East to Europe in 1500. Law, religion, government, history of ideas, social organization.

Hist 1031W. Western Civilization, From Its Origins to ca 1500. (4 cr. §1026. Prereq–Fr or soph)
Western civilization, from its origins in ancient Middle East to Europe in 1500. Law, religions, governments, history of ideas, social organization.

Hist 1032V. Honors: Western Civilization, From 1500 to Present. (4 cr. §1027. Prereq–Fr or soph, honors student)
Role of European civilization in world history, from early 16th century to present. Broad chronological periods/themes.

Hist 1032W. Western Civilization, From 1500 to Present. (4 cr)
Role of European civilization in world history, from early 16th century to present. Broad chronological periods/themes.

Hist 1301V. Honors: U.S. History to 1880. (4 cr. Prereq–Fr or soph, honors)
Issues, events, and ideas in the social, political, and intellectual history of the United States, from colonial era through the Civil War and reconstruction. Colonization, revolution, national expansion, religion, reform movements, slavery, immigration, industrialization, gender roles, and labor relations.

Hist 1301W. U.S. History to 1880. (4 cr. Prereq–Fr or soph)
Issues, events, and ideas in the social, political, and intellectual history of the United States, from colonial era through the Civil War and reconstruction. Colonization, revolution, national expansion, religion, reform movements, slavery, immigration, industrialization, gender roles, and labor relations.

Hist 1302V. Honors: U.S. History, From 1865 to Present. (4 cr. Prereq–Fr or soph, honors)

Hist 1302W. U.S. History, From 1865 to Present. (4 cr. §1308. Prereq–Fr or soph)

Hist 1304. Freshman Seminar. (3 cr [max 6 cr]; A-F only. Prereq–Fr or max 30 cr)
Topics specified in Class Schedule.

Hist 1904. Freshman Seminar. (2-3 cr; A-F only. Prereq–Fr or max 28 cr)
Topics specified in Class Schedule.

Hist 1907W. Freshman Seminar. (3 cr. A-F only. Prereq–Fr or max 30 cr)
Topics specified in Class Schedule.

Hist 1908W. Freshman Seminar. (3 cr; A-F only. Prereq–Fr)
Topics specified in Class Schedule.

Hist 2001. Public History. (3 cr; A-F only. Prereq–[Jr or sr] or #)
Interpretations of a collective past as produced in various public venues, including museum exhibitions, films, theme parks, and Web sites. Intellectual/political issues associated with history produced for public audiences. Introduction to career opportunities in the field.

Hist 3001. Ancient Civilization: Near East and Egypt. (3 cr)
A broad survey of ancient Near Eastern and Egyptian history and culture from the prehistoric to the rise of Persia around 550 B.C.

Hist 3002. Ancient Civilization: Greece. (3 cr)
A broad survey of ancient Greek culture and history from the third millennium B.C. to the death of Alexander the Great in 323 B.C.

Hist 3053. Ancient Civilization: Rome. (3 cr)
A broad survey of the cultural and social history of Rome from its origins to the decline and fall of the Roman Empire in the third and fourth centuries A.D.

Hist 3101. Introduction to Medieval History. (3 cr. §MeSt 3910 [section may vary])
Europe from decline of Rome to early Renaissance. Politics, institutions, society, economy, and culture of Middle Ages.

Hist 3151W. British History to the 17th Century. (4 cr)
The making of the English nation: Anglo-Saxons and Normans; development of English law and Parliament; Reformation and constitutional crises; early Wales, Scotland, and Ireland.

Hist 3152. British History From the Seventeenth Century. (4 cr. §1315W)
Civil War, Revolution, and constitutional settlement. Industrialization and growth of democracy. Rise/ decline of British Empire.

Hist 3211. History of Sexuality in Europe. (3 cr; A-F only)

Hist 3212. Dissident Sexualities in U.S. History. (3 cr. A-F only. Prereq–[Jr or sr] or #)
History of sexuality in the United States. Emphasizes sexualities that have challenged dominant social/cultural norms. Development of transgender, bisexual, lesbian, and gay identities/communities. Politics of sex across lines of race/ethnicity. Historical debates over controversial practices, including sex work.

Hist 3244. History of Eastern Europe. (3 cr)
History of the peoples of the region from their origins to modern times, culture and society in the Middle Ages; Golden Age of Eastern Europe; loss of independence; nationalism and formation of national states; fascism and World War II; Jews in Eastern Europe; communist and post-communist periods.

Hist 3281. European Intellectual History: The Early Modern Period, 1400-1750. (3 cr)
First of a two-semester course. European thought in its historical/cultural context. Emphasizes development of philosophico/scientific thought, its relation to thinking about the individual and the community. Readings are from original sources.
Hist 3282. European Intellectual History: The Modern Period, 1750-Present. (3 cr) Second of a two-semester course. European thought in its historical/cultural context. Emphasizes development of philosophical/scientific thought, its relation to thinking about the individual and the community. Readings are from original sources.

Hist 3347. Women in Early and Victorian America: 1600-2000. (3-4 cr) The varied experiences of American women 1600-1900. Topics include women’s involvement in the dispossession of native peoples, westward expansion, slavery, industrialization, reform, revolution, and transformations in family life and sexuality.

Hist 3348. Women in Modern America. (3-4 cr) History of women in the United States from 1890 to the present. Explores women’s changing roles in politics, the labor force, the family, and popular culture.

Hist 3349. U.S. Women’s Legal History. (3 cr; A-F only. Prereq—[1 or 3 cr] basic grasp of U.S. history) Women’s legal status, from colonial era through 20th century. Women’s citizenship, civil rights, Marriage, divorce, and child custody. Reproductive/physical autonomy and intergenerational/educational equality.

Hist 3401W. Early Latin America to 1825. (4 cr; A-F only) American and Iberian societies before contact. Foci on social, cultural and economic interactions among Native Americans, African slaves, Europeans, and people of mixed race during colonial period.

Hist 3402W. Modern Latin America 1825 to Present. (4 cr) National and contemporary period 1825 to present with emphasis on social, cultural, political, and economic change.


Hist 3421. The World and the West 1400-1900. (3 cr; A-F only. Prereq—One sem of world history or Western civilization recommended) Survey of the political, economic, religious, and cultural interaction between the peoples of Europe and the peoples of Africa, the Americas and Asia, with reference to perceptions of alien cultures by both sides.

Hist 3423. Central American Revolutions. (3 cr) Social, political and economic issues that have shaped Central American history for nearly two centuries. Focus on influences of colonial histories, capitalist development, ethnic/racial conflict, foreign intervention, Catholic Church, civil war throughout region. Readings cover events in Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, Panama.

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

Hist 3425. History of Modern Mexico. (3 cr) Mexico from independence to the present: struggles for land, liberty, and equality; ethnicity, gender, and class; economic growth, nationalization, and globalization; urbanization, immigration, demographic transition.

Hist 3427. History of Cuba and Puerto Rico. (3 cr) Historical development of Cuba and Puerto Rico from pre-Columbian times through Spanish conquest to the present. Conquest and colonization, slavery, Hispanic Caribbean society and culture, Operation Bootstrap, Cuban Revolution.

Hist 3428. History of Relations Between United States and Mexico: 1821 to Present. (3 cr) United States and Mexico from the 19th and 20th centuries. Examine histories as they intersect in the late 1820s; loss of Texas; Mexican-American War; economic relations between the two countries including NAFTA and the Chiaspa rebellion of 1994.

Hist 3431. History of Africa to 1800. (4 cr) A survey of African history from earliest times to 1800. Focuses on socioeconomic, political, and cultural development in pre-colonial Africa from ancient Egypt toward the era of the trans-Atlantic slave trade.

Hist 3432. History of Africa Since 1800. (4 cr) Provides a general survey of modern African history from the early 19th century to the present. Focuses on socioeconomic, political, and cultural development in Africa from the abolition of the trans-Atlantic slave trade through the post-colonial era.

Hist 3433. Images of Africa. (3 cr) Major themes in African history, from early human development to present. History of western “knowledge” about Africa. Assumptions that have influenced production of African history. Extent to which African history is “packaged” for public consumption inside/outside Africa. How history is used to support modern political agendas.

Hist 3434. History of South Africa to 1910. (3 cr) Introduction to history of South Africa from early humans to arrival of first Dutch settlers at Cape of Good Hope in 1652 to formation of Union of South Africa in 1910.

Hist 3435. History of South Africa from 1910. (3 cr) History of South Africa from union to present. Focuses on issues such as African/Africaner nationalism, structures of apartheid, forced population removals, divestment/sanctions, and post-apartheid era.

Hist 3436. Historical Background to Contemporary African Conflicts: Case Studies. (3 cr) Using case studies, historical contexts in which specific contemporary political conflicts developed. Slave trade, colonial conquest, indirect rule, forced labor, discretionary justice, and other historical issues. Patterns of human rights violations and of sociopolitical conflict. Cases studies might include Somalia, Democratic Republic of Congo, and Rwanda.

Hist 3437. History of East Asia. (3 cr) Major themes in history of East Asia, from era of early human cultural development to present. Methods that historians use to reconstruct history. Varying interpretations/constructions of history over time.

Hist 3438. History of Women in South America. (3 cr) Changing roles/status of women in South America from pre-colonial era to present. Relationships to political, social, economic development.

Hist 3439. Popular Narratives of the African Past. (3 cr) Diverse ways that ordinary Africans have interpreted/portrayed particular events in African history. Different popular depictions of African past, their relationships with academic histories.

Hist 3441. Chicana/o History to 1900. (3 cr) History of the Mexican people from the 16th through the 19th centuries. Historical theories of colonialism, expansion, conquest and migration, and settlement; race, class and gender, political, social, and cultural interaction and conflict.

Hist 3442. Chicano History: 1900 to Present. (3 cr) Migration, repatriation, the Bracero program, contemporary Chicana/o politics, the Chicana/o movement, work, society, and culture. Lecture format with 2-3 videos/movies on selected topics. A wide range of reading from texts and articles.

Hist 3461. Introduction to East Asia I: The Imperial Age. (3-4 cr) Comparative survey of early history of China, Japan, Korea, and Vietnam. Early Chinese thought. Diffusion of Confucianism, Buddhism, and other values throughout East Asia. Political and social history of region to 1600.


Hist 3464. China in the Song, Yuan, and Ming Dynasties. (3 cr; §5464, §EAS 3464) China during the Song (976-1279), Yuan (1279-1368), and Ming (1368-1644) dynasties; political institutions and social structures. Attention to primary sources and how historians ask and answer questions about the past.

Hist 3465W. China in the Ming and Qing Dynasties. (3 cr; §5465, §EAS 3465) The political and social history of China from about 1600 until the end of the Qing dynasty in 1911. Topics include ethnicity, daily life, legal structures, city life, and peasantry.

Hist 3467W. State and Revolution in Modern China. (3 cr; §5467, §EAS 3467) Modern China’s political evolution, including the Taiping Rebellion, Republican Revolution, Rise of Nationalist and Communist Parties, Maoist era, reform under Deng Xiaoping and the emergence of democracy in Taiwan.


Hist 3479. History of Chinese Cities and Urban Life. (3 cr; A-F only) Introduction to traditional Chinese cities, their modern transformation. Ideal city plan in Confucian classics compared with physical layout of some major cities. Models about Chinese cities, influence of the models on our understanding of Chinese history/society.

Hist 3485. History of Southeast Asia. (3 cr; A-F only) Origins of civilization, rise of empires such as Angkor, diffusion of Hinduism, Buddhism, Islam, and Christianity, West European intrusion through the imperial era, rise of nationalism, and the establishment of nation-states.

Hist 3489. 20th Century India. (3 cr; A-F only) India under British hegemony in 1914 through Mahatma Gandhi and his nationalistic movement; World War II; the British departure; creation of India and Pakistan; Nehru; Indira and Rajiv Gandhi.

Hist 3491. Islamic Civilization. (3 cr) Islamic legacy in the classical age (800-1400) in the sciences—natural and medical—mathematics, philosophy, and literature, and their transmission to Europe.

Hist 3502. Ancient Israel: From Conquest to Exile. (3 cr) Israelite history in context of what is known from Egyptian, Canaanite, and Mesopotamian sources. Focuses on issues raised by archaeological data related to Israelite conquest of Canaan.

Hist 3505. Survey of the Middle East. (3 cr) Peoples, lands, and cultures of the Middle East. Historical survey from earliest civilizations to the present.

Hist 3541. Islam in the Catholic Age. (3 cr) The Rise of Islam in its Arabian setting. Roles of the prophet, the orthodox and Umayyad caliphs. Development of Islamic state and empire, organizations, institutions, and status of Muslims and non-Muslims.

Hist 3542. Medieval Islam. (3 cr) Islamic dynasties, Umayyads of Spain, Shiites, assassins, Abbasid Caliphate’s disintegration and rise of Selguk Turks. Sunnism re-emerges. Ikhshidids.


Hist 3544. Arab World 1920 Until the Present. (3 cr) Arab world since independence; the struggle for liberation, political stability, development and unification; political structure and conflicts; impact of Arab-Israeli conflict.

Hist 3547. The Ottoman Empire. (3 cr) Founding of Ottoman society/state to empire, 1300 to end of empire in 1920. Lands, institutions, peoples, legacy. Impact on Europe.

Hist 3608W. History of the Catholic Church in the Middle Ages. (3 cr. Prereq: Intro course in European history before 1500 recommended) Religious beliefs of Latin Christianity as officially taught and as received by ordinary folk; organization of the church and its implantation in lay society; relations between Latin Christendom and its neighbors, Orthodoxy and Islamdom.

Hist 3609. Military History of Medieval Western Europe. (3 cr) Concept and conduct of war in Western Europe in the Middle Ages and the relation between the military and society.

Hist 3611. Medieval Cities of Europe: 500-1500. (3 cr) Evolution of Western European cities from the late Roman town to the early Renaissance city-state.


Hist 3614. Women in Medieval Europe. (3 cr) Women’s role in family, politics, religion, work, and social relations. Representations of women in religious texts, art, literature, scientific studies, and law. Methods/approaches to study of women’s history.

Hist 3615W. Women in European History: 1500 to the Present. (3 cr) Women’s history and gender relations in modern European history. Methods and primary sources for women’s history and the implications of inclusion of women in historical study.

Hist 3616. France in the Middle Ages. (3 cr) Politics, society and culture in medieval France from the end of the Carolingians to the end of the Hundred Years War.

Hist 3618. The Dark Ages Illumined: Medieval Europe to 1050. (3 cr) Origins of medieval Europe, Germanic and Viking invasions, feudalism, manorialism, Islam, the pagacy, monarchies, intellectual developments.


Hist 3621. Renaissance Italy: 1200-1550. (3 cr) Prereq: Intro course in European history before 1500 recommended) Political/cultural history of city-states of northern/central Italy, 1200-1550. Emphasizes Florence and Venice. Readings include Dante and Machiavelli.

Hist 3623W. Germany in the Age of Reformation. (3 cr) Prereq: General course in European history before 1500 recommended) History of religious reform movements—Lutheran, Calvinist, and Catholic—in the context of German politics, society, and culture; emphasis on primary source readings (written during the period).

Hist 3626. France From the Late 16th Century Through Napoleon: 1594-1815. (3 cr) The evolution of French government, economy, and society in a broad context: monarchical power and its disintegration; Louis XIV at the apex of the Old Regime; the Enlightenment; the French Revolution; and the rise and fall of Napoleon Bonaparte.

Hist 3632. History of Germany: Reform to Unification: 1500-1871. (3 cr) The Reformation era; warfare and demographic catastrophe of the early 1600s; life in town and country; absolutism; Baroque culture; family life and its transformation; economic crisis; Revolution of 1848; the military path to unification.


Hist 3637. Modern Russia: From Peter the Great to the Present. (3 cr) Political, social, and cultural forces which have shaped modern Russia. Emphasis will be on modernization, attempts at reforms in the imperial and Soviet period, and the dissolution of empires.

Hist 3642. Knights, Peasants, and Bandits in Medieval England. (3-4 cr) Social history of medieval England from 1066 to 1500. Peasants, nobility, and bourgeoisie, including their economic institutions, living conditions, and entertainments. Legal and illegal ways of coping with economic and social change resulting from plague and wars.

Hist 3651. England Under the Tudors: 1485-1603. (3-4 cr) Henry VIII and the English Reformation. The early Tudor period, 1485-1547; the reign of Henry VIII and his break with the papacy.

Hist 3652. England Under the Stuarts: 1603-1689. (3 cr) History of England from the accession of James I (1603) to the Glorious Revolution (1689), including political, social, religious, military, and intellectual history.

Hist 3671. Modern Britain: 1783-1867. (3 cr) Britain from the end of the American Revolution to the mid-Victorian age; industrialization and reform.

Hist 3672. Modern Britain Since 1867. (3 cr) Britain from the mid-Victorian age to the near-present; the growth of democracy, the height and depth of world power.

Hist 3681. Irish History. (3 cr) History of Ireland, primarily modern, with emphasis on politics and Anglo-Irish relations.

Hist 3691W. The British Empire. (3 cr; A-F only) Gain/loss of colonies in Ireland, America, Africa, Development of colonial population, composition of British society, debates about economic motives for empire, resistance of colonized peoples to conquest/domination.

Hist 3703W. European Cities: 1300-1800. (3 cr. Prereq: Background in European civilization of late Middle Ages) The historical experience of selected cities in early modern Europe set within the context of ideas about urban formation and development. Key cities are Venice, Florence, Antwerp, Madrid, Seville, Amsterdam, Paris, and London.

Hist 3704W. Daily Life in Europe: 1300-1800. (3 cr) Living conditions and daily life in Europe before the Industrial Revolution. Topics include marriage and family, life at court, nobles, peasants, disease, farming, livestock-raising, urban life, the middle classes, manufacturing, trade, piracy, witchcraft, war, crime, and social deviance.

Hist 3705. From Printing Press to Internet: Media, Communications, and History. (3 cr; A-F only) Print public sphere in 17th, early 18th century. Political conflicts over freedom of press in 18th, 19th century. Emergence of advertising, public relations industries in 20th century. Significance of broadcast, computer network technologies for democratic political systems.

Hist 3707. Social History of Modern Europe. (3 cr) Transformation from traditional agrarian to modern society, 18th to 20th century. Social changes: history of the family, marriage and sexuality; the roots of nationalism and racism.


Hist 3712. Economic History of Modern Europe. (3 cr) Long-term rise/transformation of European economy. Emergence of capitalism and spread of economic growth up to WWI. Political economy of growth, instability, and structural change in 20th century.

Hist 3714W. Medieval Spain. (3 cr) Development of the medieval kingdoms of Spain from Roman times to ca. 1500. Major social, economic, and cultural developments. Christians, Jews, and Muslim interaction. Role of Spain in the beginning of European expansion.

Hist 3715. Modern Spain: 1500 to the Present. (3 cr) Ferdinand and Isabella, the Habsburgs and Bourbon dynasties, the 20th-century Civil War and Franco-regime, and into the present. Readings, lectures, films, slides, and music will provide a comprehensive view of a vibrant people and their modern history.

Hist 3721. 20th-Century Europe From the Turn of the Century to the End of World War II: 1900-1945. (3 cr. 55721) The social, political, and cultural changes and conflicts in Europe from the late 19th century to the end of World War II. The background to WWI, its impact, revolution, the failure of interwar stability, fascism, WWII and its consequences.

Hist 3722. 20th-Century Europe From the End of World War II to the End of the Cold War: 1945-1991. (3 cr) The social, economic, political, and cultural impacts of WWII upon Europe; the division of Europe; communist regimes in Eastern Europe, cooperation in Western Europe, impacts of modernization and the end of the Cold War in 1991.

Course Descriptions

Hist 3728. Race, Nation, and Genocides in the Modern World. (3 cr; A-F only)
Meaning of the term “genocide.” Particular cases, such as Armenians in the late Ottoman Empire, Jews in the Third Reich, and Muslims in the former Yugoslavia.

Hist 3729. Nazi Germany and Hitler's Europe. (3 cr; A-F only)
Comprehensive exploration of Third Reich. Students will examine How the Nazis came to power, transformations of 1930s, imposition of racial politics against Jews/others, nature of total war. Students read historical accounts, memoirs, state documents, view films.

Hist 3731. Citizens and the State in Modern France From the Revolution of 1789 to Post-de Gaulle: 1789-1991. (3 cr)
A history of the citizen and the state in France from the French Revolution to the present.

Hist 3735. Politics of Ideas: European Thought in 20th-Century Contexts. (3 cr; A-F only)
Development of political ideas/ideologies in 20th century. How to understand ideas in various contexts of their production, dissemination, and appropriation. Students read primarily original political/social philosophical texts that have shaped social, cultural, and political landscape.

Hist 3747. Habsburg Central Europe: 1740-1918. (3 cr; §3747W)

Hist 3748. Austria in the 20th Century. (3 cr)
Austria from Paris Peace Treaties to present. Political instability, social conflict, and economic stagnation between the World Wars. Nazi rule and WWII. Economic miracle, consensus politics, and neutrality after 1945. Austria after Cold War.

Hist 3767. Eastern Orthodoxy: History and Culture. (3 cr)
Development of the orthodox church in Byzantium, the Islamic Near East, the Slavic world and in the diaspora; impact of orthodoxy on political and cultural institutions, interaction with other Christian and non-Christian communities; orthodox spirituality and aesthetics.

Hist 3775. History of the European Jews from the Middle Ages to the Present. (3 cr)
Social, economic, and cultural history of the Jewish people in Europe and their interaction with other peoples; history and causes of anti-Semitism; Zionism and assimilation; Chasidism and socialism.

Hist 3797. History of Population. (3 cr)
Understanding of law/property held by colonists, Indians. Conceptions of relationships among family, community, state held in colonial America; conceptions held today. Law of slavery in colonial era. American Revolution/Constitution. Law, industrialization, Legal legitimation, Federalism, Civil War as constitutional crisis.

Hist 3798. Habsburg Central Europe: 1740-1918. (3 cr; §3747W)

Hist 3748. Austria in the 20th Century. (3 cr)
Austria from Paris Peace Treaties to present. Political instability, social conflict, and economic stagnation between the World Wars. Nazi rule and WWII. Economic miracle, consensus politics, and neutrality after 1945. Austria after Cold War.

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Social, economic, and cultural history of the Jewish people in Europe and their interaction with other peoples; history and causes of anti-Semitism; Zionism and assimilation; Chasidism and socialism.

Hist 3797. History of Population. (3 cr)
History of births, deaths, migration, population size, and population characteristics. Evidence from Europe, the United States, and Latin America with comparative material from Africa and Asia. Methods of historical population analysis and research of historical population data.

Hist 3800. Topics in Early American History. (3 cr [max 15 cr])
For advanced undergraduate majors and non-majors. Focus on intensive exploration of particular topics in early American history such as economic history, demographic regimes, social history, intellectual history, regions, slavery, religion, and witchcraft in colonial America.

Hist 3801. The People of Early America: 16th to 18th Centuries. (3 cr)
Multicultural approach to early American history focusing on the interactions of Africans, Europeans, and American Indians who came together to create a new world in North America during the 16th, 17th, and 18th centuries.

Hist 3809. The Peoples of Revolutionary America. (3 cr)

Hist 3812. The Civil War and Reconstruction. (3 cr)
United States from 1848 to 1877. Causes of sectional crisis; Southern secession; Lincoln and emancipation; military history; impact of war North and South; Reconstruction efforts to change the Southern life and transform the status of African Americans.

Hist 3821. United States in the 20th Century to 1945. (3 cr)
American politics and society in the progressive era, the 1920’s, the Great Depression and World War II. Economic reform at home, the challenges of world war abroad, and social change affecting the status of women and racial minorities.

Hist 3822. United States in the 20th Century Since 1945. (3 cr)
American politics and society in the postwar era, the diplomacy of the Cold War, the civil rights movement, the gender and racial changes in the 1960’s, Watergate, the conservative resurgence and the end of the Cold War.

Hist 3834. Law in American Life, Colonial Era to Civil War. (3 cr; A-F only)

Hist 3837. Minnesota History. (3 cr)
Topics in political/social history of Minnesota and its region in nineteenth/twentieth centuries.

Hist 3841. American Business History. (3 cr)

Hist 3842. History of Silicon Valley. (3 cr; A-F only)
Critical, historical examination of birth/development of “Silicon Valley,” the high-tech region around San Jose, California. Myths/ideologies that define Silicon Valley in popular imagination. Deeper history of region. Comparisons with Twin Cities as framework for analysis.

Hist 3844. American Economic History to 1870. (3 cr)
Economic development, regional specialization and early industrialization. Slavery and southern development. The role of railroads and government policies. Economic impact of the Civil War.

Hist 3845. American Economic History: 1870 to the Present. (3 cr)
Economic development, regional specialization and early industrialization. Slavery and southern development. The role of railroads and government policies. Economic impact of the Civil War.

Hist 3851. Labor in the 19th-Century United States. (3 cr)
The development of U.S. labor in and after the Age of Industry. Industrial unionism and radicalism’s challenge to the AFL; organized labor’s uneasy integration into American society. Management theories and workers actions. Race, gender, and the changing working class.

Hist 3852. U.S. Labor in the 20th Century. (3 cr)
The development of a working class from the preindustrial to an industrial, Keynesian era. Causes of American workers through labor organization, slave resistance, and political reform. The Knights of Labor, the formation of the AFL, and the challenges of Marxism.

Hist 3861. European American; From Immigrants to Ethnicity: 1700-1890. (3 cr; A-F only)
Conditions which contributed to the mass exodus from northern/western Europe during this century as well as the attraction of the United States. Major theme will be how immigrants shaped and in turn were shaped by America.

Hist 3862. European Americans: 1890-1990. (3 cr; A-F only)
From the 1890s, immigrants came predominantly from southern/eastern Europe. A central theme is the role of immigrants in the transformation of America from a rural agricultural to an urban industrial society.

Hist 3864. African American History, 1619-1865. (4 cr)

Hist 3865. African American History, 1865 to Present. (4 cr; A-F only)
Integral migrations, industrialization, unionization, Great Depression, world wars, large-scale movements for social/political change.

Hist 3866. African American Gender History: 1865-Present. (3 cr)
Relationship between race, gender, and the struggle for equality. Focuses on African-Americans. Changing definitions of manhood/womanhood over the past 130 years. Critical role race and racial thought have played in these changes. How ethnicity, class, and sexuality have transformed black gender experiences.

Hist 3870. Topics in African American History. (3 cr)
Designed for advanced undergraduates. Topics may include social history, oral history, history of particular regions, political systems, education, and policy.

Hist 3871. American Indian History: Pre-Contact to 1830. (4 cr)
Introduction to American Indian history from ancient native America to the removal era. Focuses on the social, cultural, political, and economic diversity of Native American peoples and Native American experiences with European colonization.

Hist 3872. American Indian History: 1830 to the Present. (4 cr)
Focus on the impact of federal Indian policy on American Indian cultures and societies, and on American Indian culture change.

Hist 3875W. Comparative Race and Ethnicity in U.S. History. (3 cr; A-F only)
America through its cultural diversity. Changing notions of “American” national identity/citizenship from nineteenth century to present. Historical experiences of Native Americans, African Americans, Hispanic Americans, European immigrants, and Asian Americans: How these groups were defined in relation to each other and in relation to the nation.

Hist 3877. Asian American History, 1850-Present. (3 cr)
Asian American history and contemporary issues, from 1850 to the present. Immigration, labor, anti-Asian movements, women/families, impact of World War Two, new immigrant/refugee communities, civil rights, Asian American identity/culture.

Hist 3878. American West, 1848-Pre-Present. (3 cr)
American West from Mexican-American War to present. U.S. expansion, Native American conflict, migration/immigration. Race, ethnicity, labor, class, and gender in the West. Business/politics of “settling” the region.
Hist 3881. History of American Foreign Relations to 1914. (3 cr)
American involvement in world affairs from 1760-1914 including political, economic, social, and cultural relations by individuals, groups, governmental, and non-governmental agencies focusing on nation building, creation of continental and commercial Empires, hemispheric hegemony, cultural expansion, and wartime diplomacy.

Hist 3882. History of American Foreign Relations: 1914 to Present. (3 cr)
American involvement in world affairs 1914 to present. Political, economic, social, and cultural activities by individuals, groups, and governmental and non-governmental agencies, participation in international organizations, commercial and cultural imperialism, and war and Cold War diplomacy.

Hist 3891. American Military History. (4 cr)

Hist 3900. Topics in Medieval and Modern Europe. (1-4 cr) [max 16 cr] Prereq-# or sr or #
Selected topics in medieval and modern European history not covered in regular courses. To be taught as staffing and demand exist.

Hist 3910. Topics in U.S. History. (1-4 cr) [max 16 cr]. Prereq-# or sr or #
Selected topics in U.S. history not covered in regular courses. To be taught as staffing and demand exist.

Hist 3920. Topics in African History. (1-4 cr) [max 16 cr]. Prereq-# or sr or #
Selected topics in African history not covered in regular courses. To be taught as staffing and demand exist.

Hist 3930. Topics in Asian History. (3 cr) [max 16 cr].
Selected topics in Near Eastern, Egyptian, Greek, and Roman History.

Hist 3940. Topics in African History. (1-4 cr) [max 16 cr]. Prereq-# or sr or #
Selected topics in Asian history not covered in regular courses. To be taught as staffing and demand exist.

Hist 3950. Topics in Latin American History. (1-4 cr) [max 16 cr], Prereq-# or sr or #
Selected topics in Latin American history not covered in regular courses. To be taught as staffing and demand exist.

Hist 3951H. J unior Honors Seminar. (4 cr. Prereq-History honors candidate)
Intended for History honors majors in their junior year, the course is run as a seminar, with emphasis on readings and discussion. Weekly sessions focus on selected topics relating to historical method and historiography.

Hist 3960. Topics in History. (1-4 cr) [max 16 cr]. Prereq-# or sr or #
Selected topics in history not covered in regular courses and covering more than one geographic area/ time period. To be taught as staffing and demand exist.

Hist 3970. Supplemental Discussion in History. (1 cr) [max 3 cr]. Prereq- Concurrent registration
Extra discussion section with T.A. Attached to concurrent 3xxx course.

Hist 3980W. Supplemental Writing in History. (1 cr) [max 4 cr], A-F only. Prereq-# must be attached to a 3-credit 2xxx or 3xxx course taken simultaneously.
May be attached, by agreement of instructor and students, to any 3xxx or 5xxx course to make a writing-intensive experience.

Hist 3990. Historical Internship. (1-4 cr. Prereq-#)
Internship with a historical society, government, or community historical organization. Arranged through and supervised by department.

Hist 3993. Directed Study. (1-16 cr) [max 16 cr], A-F only. Prereq-# or sr or #
Guided individual reading or study. Open to qualified students for one or more semesters.

Hist 3994. Directed Research. (1-16 cr) [max 16 cr], A-F only. Prereq-#
Qualifed students work on a tutorial basis.

Hist 4051. Ancient Near East and Egypt: Neolithic to 1500 BCE. (3 cr; A-F only)
Prereq: Prework coursework in ancient history recommended)
Lands of Western Asia and Northeast Africa from Neolithic through Middle Bronze Age. Interdependent political/technical developments, such as agriculture, state formation, and writing. Use of literature/art as vehicles for articulating concepts. Changing relationships among culture/policies of ancient Near East and regions beyond.

Hist 4052. Ancient Near East and Egypt: 1500 to 323 BCE. (3 cr; A-F only)
Prereq: Prework coursework in ancient history recommended)
Lands of Western Asia and Northeast Africa from Late Bronze Age to death of Alexander in 323 BCE. Growth/decline of empires. Diplomatic relations and sociopolitical transformations among Late Bronze and Iron Age states. New military technologies. Developments in religion/theology.

Hist 4061. History of the Greek World from Earliest Times to 400 B.C. (3 cr)
Trace the history of the Greeks from their initial appearance in Greece in the Bronze Age to the close of the 5th century B.C. Special attention will be devoted to the polis, military development, and intellectual change.

Hist 4062. History of the Greek World: 400 to 30 B.C. (2 cr)
Trace the history of the Greeks from the end of the Peloponnesian War through the decline of the polis, the rise of Macedon and Alexander the Great, the fragmentation of Alexander’s empire in the Hellenistic World and the eventual Roman takeover over of that world.

Hist 4071. History of Rome to 78 B.C. (3 cr. Prereq-An appropriate introductory course is recommended)
Intensively examine the political, institutional, and socioeconomic history of Rome from its origins to the death of Sulla in 78 B.C. The institutional strengths and weaknesses that led to the rise and fall of the Republic are the primary theme.

Hist 4072. History of Rome: 78 B.C. to A.D. 117. (3 cr. Prereq-An appropriate introductory course is recommended)
Intensively examine the political, institutional, and socioeconomic history of Rome from the death of Sulla in 78 B.C. to the death of Trajan in A.D. 117.

Hist 4073. History of Rome: A.D. 117 to 641. (3 cr. Prereq-An appropriate introductory course is recommended)
Intensively examine the political, institutional, and socioeconomic history of Rome from the death of Trajan in A.D. 117 to the death of Theodosius in A.D. 395. Explores one historical question—the decline and fall of the Roman Empire.

Hist 4125. Vikings, East Slavs, Turks, and Finns: European Russia in the Early Middle Ages. (4 cr. A-F only)
An analysis of the Turkic nomads, East Slavic agriculturists, and Finnic foragers who inhabited early medieval European Russia and the Khazar, Bulghar, and Rus’/Niking states which came to rule them.

Hist 4337. Bill of Rights and the Supreme Court Since 1865. (4 cr. Prereq-Jr or sr or grad student)
 Constitutional, political, philosophical, social context of leading U.S. Supreme Court cases on Bill of Rights. Emphasizes property rights, free speech, freedom of religion, right to bear arms, criminal defendants’ rights, death penalty.

Hist 4910. Topics in U.S. History. (1-4 cr) [max 16 cr]. Prereq-# or sr or grad or #
Selected topics in U.S. history not covered in regular courses. Taught as staffing permits.

Hist 4930. Topics in Ancient History. (1-4 cr) [max 16 cr]. A-F only. Prereq-Jr or sr or grad or #
Selected topics in Ancient History not covered in regular courses. Taught as staffing permits.

Hist 4959. How to Do History. (3 cr. A-F only. Prereq-# or sr or grad or #)
Skills and research experience to complete senior paper. How to answer questions such as, “What is history?” How to locate/use historical sources, develop a thesis, and turn a rough idea into a full research proposal.

Hist 4960. Topics in History. (1-4 cr) [max 16 cr]. Prereq-# or sr or grad or #
Selected topics in history not covered in regular courses. Taught as staffing permits.

Hist 4961W Major Paper. (4 cr. A-F only. Prereq-# or sr or grad or #)
Sign up in Undergraduate Studies Office two sem in advance) Research paper on topic of student’s choice. Work largely with primary sources. Faculty guidance.

Hist 4970. Historical Internship. (1-12 cr) [max 12 cr]. S-N only
Internship with a historical society, government or community historical organization. Arranged through and supervised by the department.

Hist 5011. Quantitative Methods for Historical Research. (4 cr. Prereq-#)
Basics of quantitative historical data collection, measurement, and analysis.

Hist 5051. Before Herodotus: History and Historiography of Mesopotamia and the Ancient Near East. (3 cr; A-F only. Prereq: Prework coursework in ancient Near Eastern history recommended)
Historical method/sources for ancient Near Eastern history. Historical traditions. Historiographic texts of Mesopotamia and neighboring regions of the ancient Near East, secondary emphasis on their relationship to works of classical historians such as Herodotus. Use of these sources in modern historiography of ancient Near East.

Hist 5111. Proseminar in the History of Medieval Europe. (3 cr; A-F only. Prereq-Advanced undergrads of exceptional ability or grad, #)
Examination of basic scholarly bibliography for medieval Western European history. Aim is to help students to prepare for M.A. and Ph.D. examinations.

Hist 5115. Medieval Latin Historians. (3 cr; Prereq—Reading knowledge of Latin)
Writing of history in Western Europe during the Middle Ages. Focus on idea of history, philosophy of various historians, techniques of research by medieval historians and chroniclers, history as literature, and value of medieval histories to modern research scholars. Latin texts only.

Hist 5251. Socialist/Post-socialist Transformations. (3 cr; A-F only)
Transformations underway in post-socialist societies of Eastern Europe, former Soviet Union. Ramifications of abandonment of state socialism, introduction of market relations. Effect of former system, new market system on cultural institutions/identities.

Hist 5264. Imperial Russia: Formation and Expansion of the Russian Empire in the 18th and 19th Centuries. (3 cr. Prereq—Interactions with Europe and Asia; attempts at modernization and reform; emancipation of the serfs and rise of revolutionary movements.

Hist 5265. 20th-Century Russia: The Collapse of Imperial Russia, the Revolutions, and the Soviet Regime. (3 cr)
Analysis of the factors that led to the collapse of the tsarist regime; discussion of the 1917 revolution, the evolution of the Soviet regime and the collapse of Soviet communism. Emphasis on the role of nationalities and the rise of the Commonwealth of independent states.

Hist 5285. Problems in Historiography and Representation of the Holocaust. (3 cr. Prereq-# or grad #) 3521 or Rel 5321 or #
Issues connected with the Holocaust. Inclusiveness of other groups, Holocaust vs. “Shoah,” historiographical conflicts about perpetrators, problems of representation in literature/art, problems of narrative theory after Auschwitz.
Course Descriptions

Hist 5294. Social History of Russia and Eastern Europe Through the 19th Century. (3 cr) Social movements and relations between workers, nobles and merchants. Topics include family, marriage, sexuality, culture and tradition; transformation from an agricultural to a modern society.

Hist 5295. Social History of Russia and Eastern Europe From the Late 19th Century to the Present. (3 cr) Social movements (revolutionary, national, women’s), communist and post-communist societies.

Hist 5301. U.S. Women’s Legal History. (3 cr) Women’s legal status in U.S. history, 1648 to present. Changes in women’s legal status in marriage, divorce, and child custody; reproductive/sexual autonomy; and economic change and equality. Differences among women based on race, class, and ethnicity.

Hist 5379. Problems in Early American History. (3 cr) Intensive consideration of topics in early American history. Topics may include readings in race, class, and gender; comparative colonialism; slavery; demography; economic history; religion; and regions in the colonial world.

Hist 5381. Minnesota History Workshop. (3-4 cr [max 4 cr]; Prereq: 1301, 1302) A case study and seminar approach to historical research and interpretation. It offers teachers and other scholars a chance to survey a particular topic in Minnesota history and to write their own historical narrative based on primary source research.

Hist 5421. Gender in Latin American History. (3 cr) Women’s history/masculinity, Gender/colonialism, marriage, sexuality, nationalism, labor, political movements, feminism.

Hist 5436. Social History of African Women: 1850 to the Present. (3 cr; Prereq: # for undergrads) Explore the historical forces which have shaped African women’s everyday lives and the ways in which these women have been active agents in the making of their own histories.

Hist 5437. History of East Africa. (3 cr) Major themes in history of East Africa, from era of early human cultural development to present. Methods that historians use to reconstruct history. Varying interpretations/constructions of history over time.

Hist 5439. Environment and Society in Africa. (3 cr; Prereq: #) Major historiographical, theoretical, and methodological debates concerning people-environment relations in Africa, from rise of human societies to present. Environment and the rise of civilizations. Demography, colonial environmental policies, conservation, disease, indigenous knowledge, water management, food.

Hist 5441. Transformations in Pre-Colonial African History. (3 cr; A-F only; Prereq: #) African internal/external processes before 1600. Framework by which early African history is understood, tools for reconstructing it, themes/debates that have shaped it, new directions in which it is moving.

Hist 5446. Problems in West African History. (3 cr; Prereq: # for undergrads) This problem-centered course explores several of the major historiographical, methodological, and theoretical debates in West African history. Core topics include state formation, trade, slavery, Islam, gender, and colonialism.

Hist 5464. China in the Song, Yuan, and Ming Dynasties. (3 cr; §3484; EAS 3484) China during the Song (976-1279), Yuan (1279-1368) and Ming (1368-1644) dynasties, political institutions, and social structures. Attention to primary sources and how historians ask and answer questions about the past.

Hist 5465. China in the Ming and Qing Dynasties. (3 cr; §3465, EAS 3465; Prereq: #) Political/social history of China from 1600 until end of Qing dynasty in 1911. Ethnicity, daily life, legal structures, city life, peasantry.

Hist 5467. State and Revolution in Modern China. (3 cr; §3467, EAS 3467) Modern China’s political evolution including the Taiping Rebellion, Republican Revolution, rise of Nationalist and Communist parties, Maoist era; reform under Deng Xiaoping, and the emergence of democracy in Taiwan.

Hist 5468. Social Change in Modern China. (3 cr; §3468) Opium War and opening of Treaty Ports in 19th century; missionary activity and cultural influence; changes in education system; women’s movement; early industrialization; socialism and collectivization after 1949; industrialization of Taiwan; PRC’s entry into the world trading system.

Hist 5469. Historiographies of China, 1000-1700. (3 cr; A-F only; Prereq: Graduate student or #) Important recent English-language work on Chinese culture during the Song, Yuan, and Ming dynasties. Topics include religion, gender, family structures, ethnic identity, commerce/economics, and political structures/events.

Hist 5473, 1 Japan’s Modernities: Historiographies. (3 cr; A-F only; Prereq: [Advanced undergrad, # or grad student] Historiography on modern Japan in English language scholarship. Major themes of late 19th century scholarship. Issues concerning Japan’s modernity. Definitions of modernity, modernization, and modernism. Relationship between knowledge-making and nation building. Japan’s place in world.

Hist 5474. Sex and the Politics of Desire: Japan and Beyond. (3 cr; A-F only; Prereq: Graduate student or #) History of gender/sexuality in modern Japan and Korea. Geography of Japan. Theoretical/methodological literature not specific to Japan. Sexology, eugenics, feminism, nationalism, colonialism, cyber sexuality.

Hist 5479. History of Chinese Cities and Urban Life. (3 cr; A-F only §3479) Introduction to traditional Chinese cities, their modern transformation. Ideal city plan in Confucian classics compared with physical layout of some major cities. Models about Chinese cities, influence of the models on our understanding of Chinese history/society.

Hist 5501. Medieval Europe and the World. (3 cr; A-F only; Prereq: #) Place of medieval Europe in the world. Relations of Europe with Asia, Africa, and the Americas. European knowledge of the world’s other great cultures. European’s cultural influence. Assessments of other cultures’ knowledge of Europe in the period.

Hist 5505. Survey of the Middle East. (3 cr; Prereq: Grad or #) Peoples, lands, cultures of the Middle East, from earliest civilizations to present.

Hist 5520. Topics in Chinese History. (3 cr; §3470) Selected topics not covered in regular courses. Taught as staffing permits.


Hist 5547. The Ottoman Empire. (3 cr; Prereq: Graduate student or #) Founding of Ottoman society/state to empire, 1300 to end of empire in 1920. Lands, institutions, peoples, legacy. Impact on Europe.

Hist 5611. Proseminar in Medieval History. (3 cr; A-F only; Prereq: #) Basic scholarly bibliography for medieval Western European history during early Middle Ages. Foundation for teaching courses in medieval history, preparing for general doctoral exam.

Hist 5612. Proseminar in Medieval History. (3 cr; A-F only; Prereq: #) Basic scholarly bibliography for medieval Western European history during central/later Middle Ages. Foundation for teaching courses in medieval history, preparing for general doctoral exam.

Hist 5614. The Medieval Church. (3 cr; Prereq: Graduate student or #) Introduction to history of western church in Middle Ages. Emphasizes church teachings and institutional structures, beliefs/practices of lay people, medieval Christian encounter with non-Christian world.

Hist 5616. Proseminar in Medieval Spain. (3 cr; A-F only; Prereq: #) Graduate research on the development of the medieval kingdoms of Spain from Roman times to ca. 1500. Emphasis on major social, economic, and cultural developments. Christian, Jewish, and Muslim interaction. Spain and the beginnings of European expansion.


Hist 5621. Proseminar: The French Revolution. (3 cr; A-F only; Prereq: Graduate student or [advanced undergrad, #]) Historical literature about French Revolution of 1799. Old Regime political culture, Enlightenment, origins of the revolution, revolutionary transformations in politics, culture both in France and abroad, the Terror, Napoleon, revolutionary legacy.

Hist 5631. Proseminar: Comparative Early Modern History. (3 cr; A-F only; Prereq: History grad or #) Critical reading of historical literature dealing with integration of the globe during the early modern period, ca. 1500-1750; book reports, class discussion.

Hist 5632. World History Proseminar. (3 cr; A-F only; Prereq: #) Theoretical approaches to world/global history. Review of major theories, controversies, chronologies, pedagogical approaches.

Hist 5633. Socio-Economic History of China. (3 cr; A-F only; Prereq: Graduate student or [adv undergrad, #]) Nature of Chinese socio-political formations and economic development in Qing and Republican eras, 1644-1937. Establishment/methods of state rule, merchants, agrarian social structure, domestic industry, demograpic regimes, capitalism, and imperialism. Comparisons using theoretical and case studies of economic development.

Hist 5649. Ideas in Context: Making Early Modern Knowledge, 1500-1800. (3 cr; A-F only; Prereq: Graduate student or #) Role of institutions/locale in development of early-modern European thought/culture. University, academy, learned society, princely court, museum, printing house, workshop, trading company, armies/navies, state bureaucracies, salons, other independent associations of nascent civil society.

Hist 5650. Proseminar: Early Modern Europe. (3 cr; A-F only; Prereq: History grad or #) Critical reading of historical literature for early modern Europe, ca. 1450-1700., dealing with France, Germany, Italy, the Low Countries, and Spain. Each student chooses a country to focus on; book reports, class discussion.

Hist 5651. Proseminar in Tudor England: 1485-1603. (3 cr; A-F only; Prereq: #) A critical study of principal writings about English history during the Tudor and Stuart periods.

Hist 5652. Proseminar in Stuart England: 1603-1689. (3 cr; A-F only; Prereq: #) Critical study of principal writings about English history.
Hist 5701. Proseminar: Modern Britain. (3 cr; A-F only. Prereq–#) Critical study of major writings in British history, 1760-1945, and preparation for research in the field.

Hist 5715. Readings in European Women’s History: 1450-1750. (3 cr; A-F only) Introduction to current historical research on European women’s history, 1450-1750. Topics include gender roles and form of family structure, women’s participation in religious movements, legal status of women.

Hist 5720. Society and Politics in Modern Europe. (3 cr) Introduction to literature in English on problems of modern European social, cultural, political history. Thematic/geographic focus varies year to year. Topics include historical approaches to class/gender relations, state formation as social/political process, family history, evolution of public life, popular culture.

Hist 5721. Contemporary Europe From the Late 19th Century to the Beginning of the Cold War: 1890-1950. (3 cr; §3721. Prereq–Previous coursework in 19th- and/or 20th-century Europe, #) The historical literature and debates surrounding major issues in the social, political, cultural, and economic development of Europe from the turn of the century through the impact of WWII. Topics include the development of imperialism, national rivalries, social and political conflict, the rise of fascism and communism, and the origins of war.


Hist 5740. Topics in Modern German History. (3 cr; A-F only. Prereq–#) Readings and discussions on some central questions concerning the history of Germany during the modern period with a particular emphasis on the relationship between social change and political development. Offerings vary in thematic and chronological focus.

Hist 5751. Proseminar—Imperial Russia. (3 cr; A-F only. Prereq–#) Western and Russian historiography on crucial issues of imperial Russia. Political institutions; culture and society; modernization and reforms; new interpretations.

Hist 5762. Proseminar in 20th Century Russia. (3 cr; A-F only. Prereq–#) Western and Russian historiography on crucial issues of 20th-century Russia. The nature of revolutions, debate over the evolution of the Soviet regime, the collapse of empires, new interpretations.

Hist 5777. Proseminar in Habsburg Central Europe. (3 cr; A-F only. Prereq–#) Central Europe under Habsburg rule from the reforms of Maria Theresa to imperial collapse. Continuity and change in society; economic and political modernization; the rise of national consciousness and anti-Semitism; politics and culture in the Fin de Siecle; the Empire and World War I.

Hist 5794. Proseminar in European Economic History. (3 cr; A-F only. Prereq–#) Europe’s rise in the world economy; England’s industrial revolution and uneven development in Europe; imperialism and World War I; the Great Depression; the post-1945 economic miracle; continuity and change in Eastern Europe.


Hist 5801. Seminar in Early American History. (3 cr; A-F only) Introduction to the literature of early American history. Readings selected from some of the best scholarship in the field, the questions that now hold the attention of colonial historians, and the theories, methods, and sources they use in pursuit of those questions.


Hist 5821. American History in the Twentieth Century. (3 cr; A-F only. Prereq–Grad student, #) Intensive readings seminar.

Hist 5841. Proseminar in American Economic History. (3 cr; A-F only. Prereq–#) Historical literature on American economic and business history from American Revolution to the modern economy.

Hist 5844. U.S. Labor History. (3 cr) Readings in classic and recent approaches to the history of the working class in the United States. Central topics include slavery and free labor, women’s paid and unpaid labor, management strategy, labor protest, and trade union organization.

Hist 5845. History of American Capitalism. (3 cr; A-F only. Prereq–Grad student or #) Historiography/history of American capitalism. Crucial events (e.g., market ‘revolution’, development of industrial cities) focus weekly discussions of new literature. Students analyze theoretical models of capitalism and new work in social, political, and economic history.

Hist 5857. Proseminar: Readings in the History of American Women. (3 cr; A-F only. Prereq–#) An intensive graduate-level readings course. Survey selected significant topics in historical literature, conceptual frameworks, and methodological problems in the history of American women from 1600 to the present.

Hist 5861. History of American Immigration. (3 cr; A-F only. Prereq–#) Readings in historical literature on immigration to the United States. Emphasis on recent works distinguished by new research methodologies and interpretations.

Hist 5862. History of American Immigration. (3 cr; A-F only. Prereq–#) Readings in historical literature on immigration to the United States. Emphasis on recent works distinguished by new research methodologies and interpretations. Each student undertakes an independent reading and/or research project.

Hist 5871. Readings in U.S. Intellectual History: 19th-20th Centuries. (3 cr; A-F only. Prereq–#) Definitions of American national identity from 1789 to the present as expressed in politics, religion, literature, painting, music, architecture, and history.

Hist 5877. Asian American History. (3 cr; A-F only. Prereq–#) Introduction to key issues, theoretical frameworks, research, and methodologies of Asian American history. Seminar topic that defined the field. Recent scholarship in history and in related disciplines. Emphasis field’s comparative/transnational linkages to ethnic studies, Asian studies, and the Americas.

Hist 5881. American Foreign Relations to 1895. (3 cr; A-F only. Prereq–#) Intensive readings in the historiography of American foreign relations with emphasis on American imperialism, domestic courses of foreign policy, and international political, economic, and cultural relations.

Hist 5882. American Foreign Relations Since 1895. (4 cr; A-F only. Prereq–#) Intensive readings in the historiography of American foreign relations with emphasis on American imperialism, domestic courses of foreign policy, and international political, economic, and cultural relations.

Hist 5890. Problems in American Indian History. (3 cr; A-F only. Prereq–#) Intensive consideration of topics in American Indian history. Topics may include social history, history of particular regions, political systems, education, and American Indian policy.

Hist 5900. Topics in European/Medieval History. (1-4 cr; A-F only. Prereq–Grad or advanced undergraduate student with #) Selected topics in European or medieval history not covered in regular courses; taught as staffing permits.

Hist 5901. Latin America Proseminar: Colonial. (3 cr; A-F only. Prereq–#) Introduces beginning graduate and advanced undergraduate students to major historical writings on various Latin American themes.

Hist 5902. Latin America Proseminar: Modern. (3 cr; A-F only. Prereq–#) Introduces beginning graduate and advanced undergraduate students to major historical writings on various Latin American themes.

Hist 5910. Topics in U.S. History. (1-4 cr; A-F only. Prereq–Grad or advanced undergraduate student with #) Selected topics in U.S. history not covered in regular courses. Taught as staffing permits.

Hist 5920. Topics in African Social History. (3 cr; A-F only. Prereq–Grad student or adv underg or #) Focused on the experiences of Africans in their workplaces, households, and communities. Detailed treatment of selected historical themes. Topics vary by semester.

Hist 5930. Topics in Ancient History. (1-4 cr; A-F only. Prereq–Grad student with #) Selected topics in ancient history not covered in regular courses. To be taught as staffing permits and as enrollment warrants.

Hist 5931. Topics in Comparative Third World History. (3 cr; A-F only. Prereq–Grad student or #) Topics specified in Class Schedule.

Hist 5933. Seminar in Ancient History. (3 cr; A-F only. Prereq–Previous coursework in Greek or Roman history, #) Seminar on a selected topic in ancient history.

Hist 5934. Comparative History and Social Theory. (3 cr; A-F only. Prereq–Grad student or [upper-div undergr, #) Works of history/sociology that are broadly comparative/theoretical. Issues of state formation, social movements, social structure, and economic development.

Hist 5935. Methods and Pedagogy in African History. (3 cr; A-F only. Prereq–Grad student or #) Current historical methods/sources of African history. Pedagogical issues. Students design their own courses.

Hist 5940. Topics in Modern Chinese History. (1-4 cr; A-F only. Prereq–Grad student, #) Possible topics include cultural, economic, intellectual, political, and social history.

Hist 5941. Readings in Chinese Documents. (3 cr; A-F only. Prereq–Reading knowledge of Chinese) Readings in Chinese on a topic to be selected by the instructor. Depending on the topic and the time period, readings may involve a mixture of modern and classical Chinese or may be entirely in modern Chinese. Consult instructor for more information.

Hist 5942. Topics in the History of Medicine. (3-4 cr; A-F only. Prereq–Prior history of medicine or history of science course recommended for undergrads) An exploration of topics central to the history of medicine. Emphasis on mid-18th century to the present. Topics vary yearly.
History of Medicine (HMed)

College of Liberal Arts

HMed 3001W. Health Care in History I. (3 cr. Prereq–Honors) Introduction to intellectual/social history of European/American medicine, health care from classical antiquity through 18th century. Meets with 3001W.

HMed 3002W. Health Care in History II. (3 cr) Introduction to intellectual/social history of European/American medicine, health care in 19th/20th centuries.

HMed 3040. Human Health, Disease, and the Environment in History. (3 cr) Introduction to changing relationship of human health and the environment. Ways in which human-induced environmental changes have altered our experiences with disease and our prospects for health.

HMed 3055. Women, Health, and History. (3 cr) Women’s historical roles as healers, patients, research subjects, health activists. Biological determinism, reproduction, mental health, nursing, women physicians, public health reformers, alternative practitioners. Gender disparities in diagnosis, treatment, research, careers. Assignments allow students to explore individual interests.

HMed 5002. Public Health Issues in Historical Perspective. (3 cr) Introduction to the evolution of major recurring problems and issues in public health including environment and health, food customs and nutrition, control of alcohol and drugs, venereal diseases and public policy, human resources regulation, and relationship of science to promotion of health.


HMed 5055. Women, Health, and History. (3 cr. Prereq–Grad student or [pr or sr] with prev coursework in hist or #) Women’s historical roles as healers, patients, research subjects, health activists. Biological determinism, reproduction, mental health, nursing, women physicians, public health reformers, alternative practitioners. Gender disparities in diagnosis, treatment, research, careers. Assignments allow students to explore individual interests.

HMed 5200. Early History of Medicine to 1700. (3 cr; A-F only) An introductory survey of the history of medicine in Europe and America.


HMed 5210. Seminar: Theories and Methods in Medical History. (3 cr; A-F only) Historiography of the history of medicine.


HMed 5940. Topics in the History of Medicine. (3 cr) Seminar on the historical relations between medicine and the State from the 18th to 20th centuries.

History of Science and Technology (HSci)

College of Liberal Arts

HSci 1714. Technology and Western Civilization: To the Industrial Revolution. (4 cr. §3714) History of technology in its cultural context from earliest times to the Industrial Revolution. Neolithic Revolution, Bronze and Iron Ages, ancient civilizations, Greece, Rome, Middle Ages, and Renaissance.

HSci 1715. Technology and Western Civilization: Since the Industrial Revolution. (4 cr. §3715) Relations of technology to culture since Industrial Revolution. Diffusion of Industrial Revolution, modes of adaptation by different cultures, and social impact.

HSci 1814. Introduction to History of Science: Ancient Science to the Scientific Revolution. (4 cr. §3814) Development and changing roles of the sciences are placed in their cultural context. Babylonian and Greek science; decline and transmission of Greek science; Scientific Revolution (1500-1700) from Copernicus to Newton.

HSci 1815. Introduction to History of Science: Modern Science. (4 cr. §3815) Development and changing nature of the sciences are placed in their cultural context. Newton and new mechanics; light; Darwin and species; new experimental biology; atomic and nuclear physics; relationships among science, technology, society, and politics.

HSci 1905. Freshman Seminar. (2 cr; A-F only. Prereq–Fr with no more than 24 cr) Topics vary. See Class Schedule.

HSci 3211. Biology and Culture in the 19th and 20th Centuries. (3 cr. §5211) Changing conceptions of life and aims and methods of biology; changing relationships between biology and the physical and social sciences; broader intellectual and cultural dimensions of developments in biology.


HSci 3244. History of Ecology and Environmentalism. (3 cr. §5244) Development of ecological thought from 18th century natural theology to contemporary ecology and conservation biology; changing views of the “balance” and the “economy” of nature; conceptual and methodological developments in ecosystems ecology; connections between ecology and conservation, and between population and environmental politics.

HSci 3331. Technology and American Culture. (3 cr. §5331) American technology in its cultural and intellectual context from 1790 to present. Transfer of technology to America; infrastructure promoting economic growth; social response to technological developments.

HSci 3332. Science and American Culture. (3 cr. §5332) American science since 1600, including transfer of science to America; development of indigenous traditions for pursuit of science; infrastructure for education and research; public response to scientific development.

HSci 3333V. Honors Course: Issues in Twentieth Century American Science and Technology. (3 cr) Historical approach to understanding science and technology. Emphasizes intellectual, political, and social contexts. Decision-making by practitioners on issues of importance to the profession and the community. Topics relating to popular science, science, and warfare.

HSci 3401. Ethics in Science and Technology. (3 cr. §5401) Historical issues involve research ethics including utilitarian, social Darwinian, and other ethical systems developed in science. Ethical problems posed by modern science and technology, including nuclear energy, chemical industry, and information technologies.

HSci 3714. Technology and Western Civilization: To the Industrial Revolution. (4 cr. §1714) History of technology in its cultural context from earliest times to the Industrial Revolution. Neolithic Revolution, Bronze and Iron Ages, ancient civilizations, Greece, Rome, Middle Ages, and Renaissance.
HSci 3715. Technology and Western Civilization: Since the Industrial Revolution. (4 cr. §1715) Relations of culture since Industrial Revolution. Diffusion of Industrial Revolution, modes of adaptation by different cultures, and social impact.

HSci 3814. Introduction to History of Science: Ancient Science to the Scientific Revolution. (4 cr. §1814) Development and changing nature of the sciences are placed in their cultural context. Babylonian and Greek science; decline and transmission of Greek science; Scientific Revolution (1500-1700) from Copernicus to Newton.

HSci 3815. Introduction to History of Science: Modern Science. (4 cr. §1815) Development and changing nature of the sciences are placed in their cultural context. Newton and new mechanics; light; Darwin and species; new experimental biology; atomic and nuclear physics; relationships among science, technology, society, and politics.

HSci 4050. Special Topics in History of Science. (3 cr.) Topics specified in Class Schedule.

HSci 4060. Special Topics in History of Technology. (3 cr.) Topics specified in Class Schedule


HSci 4125. The Nuclear Age. (3 cr.) Discoveries of X-rays, radiation, the atom and its nucleus, and subatomic particles. Development of nuclear weapons/power. Nuclear legacy of Hiroshima, Nagasaki, Chernobyl, and the cold war.

HSci 4302. History of High-Technology Weapons. (3 cr.) Development of weapons technology from ancient times to the present. Focus on the role of technology in warfare and military strategy.

HSci 4321. History of Computing. (3 cr. §CSci 4921) Development of the last 150 years; evolution of hardware and software; growth of computer and semiconductor industries and their relation to other business areas; changing relationships resulting from new data-gathering and analysis techniques; automation; social and ethical issues.

HSci 4455. Women, Gender, and Science. (3 cr.) 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.

HSci 5211. Biology and Culture in the 19th and 20th Centuries. (3 cr. §3211) Changing conceptions of life and aims and methods of biology; changing relationships between biology and the physical and social sciences; broader intellectual and cultural dimensions of developments in biology.


HSci 5244. History of Ecology and Environmentalism. (3 cr. §3244) Development of ecological thought from 18th century natural theology to contemporary ecology and conservation biology; changing views of “balance” and the “economy” of nature; conceptual and methodological developments in ecosystems ecology; connections between ecology and conservation, population and environmental policies.


HSci 5401. Ethics in Science and Technology. (3 cr. §3401) Historical issues involving ethics in science. Ethical problems posed by modern science/technology, including nuclear energy, chemical industry, and information technologies.

HSci 5411. Art and Science in Early Modern Europe. (3 cr. §4411) Interaction of art and science, from Renaissance to 19th century. Development of linear perspective, color theory, artistic practice, and scientific illustration/representation.


Hmong (Hmng)

Department of Asian Languages and Literatures

College of Liberal Arts

Hmong 1011. Beginning Hmong. (5 cr.) Listening, speaking, reading, and writing skills. Emphasizes development of communicative competence.


Hmong 3920. Topics in Hmong Culture. (1-4 cr [max 12 cr]) Selected topics in Hmong culture. Topics specified in Class Schedule.

Hmong 4001. Beginning Hmong. (3 cr. §1011. Prereq—Completed CLA second language requirement or grad student) Listening, speaking, reading, and writing skills. Emphasizes development of communicative competence. Meets with 1011.

Hmong 4002. Beginning Hmong. (3 cr. §1012. Prereq—[4001, completed CLA second language requirement]) Continuation of 1011. Listening, speaking, reading, and writing skills. Emphasizes development of communicative competence. Meets with 1012.


Hmong 4011. Beginning Hmong. (3 cr. §1011. Prereq—Completed CLA second language requirement or grad student) Listening, speaking, reading, and writing skills. Emphasizes development of communicative competence.

Hmong 5040. Readings in Hmong Texts. (2-4 cr [max 12 cr.] Prereq—1016 with grade of at least B or completed CLA second language requirement or §) Comprehensive, multidimensional overview of Hmong oral forms/traditions. Hmong legends, mythology, folk songs, birth, marriage/funeral rites. History, social/cultural anthropology. Values, life ways of traditional village society. Societal changes resulting from emigration to U.S.

Honors Seminar (HSem)

Honors in CLA

College of Liberal Arts

HSem 1001H. Introduction to Arts and Sciences. (1 cr, S-N only. Prereq—1st sem fr, honors) Introduction to various disciplines. Small-class discussion with outstanding faculty members. Meets for 10 weeks beginning first week of semester.

HSem 2010H. Honors Seminar. (2 cr [max 6 cr]) A-F only. Prereq—[Fr or soph with less than 60 cr], honors Topic specified in Course Guide.

HSem 2020H, 2030H, 2040H, 2050H, 2060H, 2070H. Honors Seminar. (3 cr [max 9 cr]) A-F only. Prereq—[Fr or soph with less than 60 cr], honors Honors seminar, topic specified in Course Guide.

For definitions of course numbers, symbols, and abbreviations, see page 300.
Hort 3005. Plant Propagation. (2 cr; A-F only. Prereq–[1001, 1012] or #) Principles and techniques of propagating plants by air layering, cuttings, grafts, buds, layers, and division. Lectures on principles; labs on practice of various propagating techniques.


Hort 3002W. Greenhouse Management. (3 cr; A-F only. Prereq–[1001, 1012] or #) Principles and techniques of propagating plants by air layering, cuttings, grafts, buds, layers, and division. Lectures on principles; labs on practice of various propagating techniques.

Hort 5018. Landscape Operations and Management. (3 cr. Prereq–1001 or #) Principles and techniques of propagating plants by air layering, cuttings, grafts, buds, layers, and division. Lectures on principles; labs on practice of various propagating techniques.


Hort 5031. Sustainable Fruit Production Systems. (2 cr; A-F only. Prereq–1001, 1011, 1012) Principles of fruit production. Emphasizes temperature fruit crops. Integrated management of fruit cropping systems, including site selection, cultural management practices, taxonomic classification, physiological/environmental control of plant development. Integration of writing into understanding various fruit cropping systems.

Hort 5032. Sustainable Commercial Vegetable Production Systems. (3 cr; A-F only. Prereq–[3005, Ent 3005, PlPa 2001, Soils 2125] or #) Principles of commercial vegetable production. Integrated management of vegetable cropping systems. Seed selection/environment, seed/stand establishment, cultural management practices, commodity use, handling from harvest to market. Perspectives on types of vegetable cultivars. Origin, historical significance/Improvement through breeding, nutrition, medicinal aspects, physiological/environmental control of development.

Hort 4071. Applications of Biotechnology to Plant Improvement. (4 cr. Prereq–Chem 1011 or 1012, GCB 3022 or equiv) Fundamentals of plant molecular biology and biotechnology with emphasis on their applications to plant propagation and crop improvement. Lab includes plant tissue culture, gel electrophoresis, and other techniques of plant molecular biology.

Hort 5071. Restoration and Reclamation Ecology. (3 cr. For advanced students in turf with career objectives in ecosystem management, interdisciplinary in perspective. Explore original literature on an organic practice, prepare a written report, and lead a class discussion.

Hort 4401. Plant Genetics and Breeding. (4 cr; §Agro 4401. Prereq–[1009 or equiv or grad]) Principles of plant genetics and environmental variation. Application of genetics to crop evolution and breeding of self-pollinated, cross-pollinated, and asexually propagated crops. Lab experiments investigate hybridization, variation, and selection.

Hort 5009. Pesticides in Horticulture: Their Use and Abuse. (3 cr; A-F only. Prereq–[4252 or §Ent 4015] or §Ent 4015) Principles of plant genetics and environmental variation. Application of genetics to crop evolution and breeding of self-pollinated, cross-pollinated, and asexually propagated crops. Lab experiments investigate hybridization, variation, and selection.


Hort 5022. Landscape Design and Implementation II. (4 cr. Prereq–4021) Principles of plant genetics and environmental variation. Application of genetics to crop evolution and breeding of self-pollinated, cross-pollinated, and asexually propagated crops. Lab experiments investigate hybridization, variation, and selection.
Human Ecology (HE)

College of Human Ecology

HE 1200V. First-Year Honors Colloquium. (1-2 cr [max 4 cr]; A-F only. Prereq–CHE honors) Diversions ways of learning about the world, fields of study organized to understand human environment, their place within academic/career pathways that cross within intellectual traditions/professional fields.


HE 1903. Freshman Seminar. (1-3 cr [max 6 cr]; A-F only. Prereq–Fr) Development of two-three-dimensional models that explore concepts of ethics/citizenship. Emphasizes visualization as tool for understanding/communicating complex relationships.

HE 1904. Freshman Seminar. (1-3 cr [max 6 cr]; A-F only. Prereq–Fr) Issues related to human ecology disciplines and international perspectives. At least 1/3 of course material on societies outside the United States. Topics announced in advance. Small-group seminar.


HE 3201. Strategic Career Planning. (1 cr; A-F only. Prereq–Jr or Sr or at least 60 cr, retail merchandising major) Students research career opportunities related to retail industry, set career objectives based on an assessment of individual interests, and identify job search skills to implement a transition from college to employment.

HE 4110. Special Topics in Human Ecology. (1-4 cr [max 12 cr]. Prereq-Hons) In-depth study of a selected topic.

HE 4150H. Honors Seminar. (1-3 cr [max 6 cr]. Prereq-Hons; CHE students must take A-F) Topics specified in Class Schedule.

HE 4160H. Honors Capstone Project. (2 cr [max 4 cr]; A-F only. Prereq-CHE honors; # A-F only) Individualizes the honors experience by connecting aspects of major program with special academic interests.

Human Resource Development (HRD)

Department of Work, Community, and Family Education

College of Education and Human Development

HRD 3001. Introduction to Human Resource Development. (3 cr) Human resource development theories, principles, concepts, and practices.

HRD 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.

HRD 5101. Foundations of Human Resource Development. (1 cr) Introduction to human resource development as a field of study and practice.


HRD 5105. Strategic Planning through Human Resources. (3 cr; A-F only. Prereq–5001 or 5101, 5102, 5103, 5104) The theory and practice of strategically developing, utilizing, and aligning human resources as a major contributor to organizational and quality improvement success.

HRD 5106. Evaluation in Human Resource Development. (3 cr; A-F only) Evaluation of human resource development efforts from the perspective of impact on organizations, work processes, and individuals, plus follow-up decisions.

HRD 5111. Facilitation and Meeting Skills. (1 cr) Introduction to the disciplines of planning and running effective meetings. Tools and methods for meeting management and evaluation are presented within the context of organization development.

HRD 5196. Internship: Human Resource Development. (3 cr; A-F only. Prereq–2 core courses in HRD) Field study of the organization development, personnel training and development, career development, and quality improvement theories and practices in a selected nation.

HRD 5601. Student and Trainee Assessment. (2 cr; A-F only) Developing learning progression 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.


HRD 5624. Sales Training. (3 cr; A-F only) Strategies and techniques for developing effective sales people.

HRD 5625. Technical Skills Training. (3 cr) Analyzing technical skills training practices in business and industry. Systems and process analysis and trouble-shooting of work behavior; design methods and developing training materials.

HRD 5626. Customer Service Training. (3 cr; A-F only) Overview of customer service strategies used by successful organizations and training practices used to develop customer-oriented personnel.

HRD 5627. Management and Supervisory Training and Development. (3 cr) Problems, practices, programs, and methodologies relating to the training and development of managers and supervisors, including needed competencies, needs assessment, delivery modes, and evaluation.

HRD 5628. Multimedia Presentations in Business. (3 cr. Prereq–BIE 5011 or equiv) Designing, creating, and presenting information using multimedia resources in business settings.
Course Descriptions

HRD 5629. Course Development for Business and Industry. (2 cr; A-F only)
Describing instructional programs/courses that help learners develop desired competence. Designing instruction for performance-based training and vocational/technical education. Developing course syllabus components that clarify course expectations. Developing academic/community-based elements that complement course goals. Reflect on and compare performance-based instruction with other curriculum models for the field.

HRD 5661. Instructional Methods in Business and Industry. (2 cr)
Theory/practice in instructional methods for career/technical education (CTE) instructors and human resources/development (HRD) professionals. How to select various teaching methods and plan for their delivery. 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.

HRD 5662. Computer Training in School and Industry Settings. (2 cr)
Alternative practices for teaching business applications software use—such as word processors, spreadsheets, graphics software, desktop publishing software, databases, and communications software—in both public school and industry settings.

HRD 5770. Special Topics in Human Resource Development. (1-4 cr [max 12 cr])
Explanation of issues, methods, and knowledge in HRD areas. Topics vary.

HRD 5802. Education and Human Resource Development Through Tourism. (3 cr; A-F only)
Policies/practices of education and human resource development in tourism industry.

Nature of diverse populations and their unique learning and training needs, exemplary programs, and collaborative efforts among persons representing work, community, and family settings.

HRD 5822. Diversity and Organizational Transformation in Education, Work, and Community. (3 cr)
Develop models for understanding the impact of diversity on individual, organizational, and community outcomes. Discuss organizational change in relation to diversity.

HRIR 3041. The Individual in the Organization. (2 cr)
Focus on factors influencing individual work performance. Examines perceptual differences, career choice, psychological contracts, assumptions about workers/work, leadership/management, learning/skill development, openness to change. Examines evidence on current trends.

HRIR 3042. The Individual and Organizational Performance. (3 cr)
Factors influencing group, team, and organizational performance. Examines systems that drive organizational success. Topics include job design and organizational structure, organization effectiveness measures, culture, group dynamics, teamwork, power and influence.

HRIR 3051: Compensation: Theory and Practice. (2 cr)
Introduction to compensation/reward programs in employing organizations. Theories of organizational/employee behavior used in designs/implementation of pay programs. Design, implementation, and evaluation of job evaluation, salary surveys, skill-based pay, merit-based pay, and other compensation programs.

HRIR 3071. Union Organizing and Labor Relations. (2 cr)
Analysis of labor unions, employee associations, and collective bargaining within the framework of contemporary American legislation and policy. Covers forming/organizing labor unions; union, employee, and management strategies and responsibilities, historical influences on policy and practice in the private and public sectors.

HRIR 3072. Collective Bargaining and Dispute Resolution. (2 cr)
Collective bargaining, contract administration, grievance processing, interest/rights arbitration, strikes and related policies and practices of employers, workers, and labor unions in dealing with worker representation in the private and public sectors. Impact and transfer of practices to the non-union sector are considered.

HRIR 5000. Topics in Human Resources and Industrial Relations. (1-8 cr [max 8 cr])
Selected topics of current relevance to human resource management and industrial relations.

HRIR 5021. Systems of Conflict and Dispute Resolution. (4 cr)
Introduction to theoretical and practical treatment of conflict settlement in interpersonal, work-related, community, business, and international settings. Lectures, discussions, observations of actual dispute resolution sessions, and lab exercises with students participating in dispute resolution simulations applied to real world conflicts.

HRIR 5022. Managing Diversity. (2 cr)
Collective bargaining, contract administration, grievance processing, interest/rights arbitration, strikes and related policies and practices of employers, workers, and labor unions in dealing with worker representation in the private and public sectors. Impact and transfer of practices to the non-union sector are considered.

HRIR 5023. Personnel and Industrial Relations Law. (2 cr)
Growing body of laws and their application to workplace: human rights, equal employment, compensation/benefit, employee protection, labor relations. Special issues (e.g., wrongful discharge, sexual harassment, defamation) discussed in context of statute, case law, and their application to work setting.

HRIR 5025. Comparative and International Human Resources and Industrial Relations. (2 cr)

HRIR 5026. Innovative HR Leadership in the Context of Change and Uncertainty. (2 cr)

HRIR 5054. Public Policies on Employee Benefits: Social Safety Nets. (2 cr)

HRIR 5061. Public Policies on Work and Pay. (3 cr)
Analysis of public policies regarding employment, unions, and labor markets. Public programs affecting wages, unemployment, training, worker mobility, security, and quality of work life. Policy implications of the changing nature of work.

HRIR 5991. Independent Study in Human Resources and Industrial Relations. (1-8 cr [max 6 cr])
Individual readings or research topics.

Humanities (Hum)
Department of Humanities
College of Liberal Arts

Hum 1001. Humanities in the West I. (4 cr §3001)
Greek and Roman civilization, rise of Christianity. Epic and lyric poetry, drama, architecture, sculpture, philosophy religion. Integrative study of works by creative figures such as Homer, Hesiod, Aeschylus, Sophocles, Euripides, Aristophanes, Plato, Aristotle, Caesar, Lucretius Virgil, Ovid, Petronius, Augustine, Boethius.

Hum 1002. Humanities in the West II. (4 cr §3002)

Hum 1003. Humanities in the West III. (4 cr §3003)
European civilization from 15th/16th centuries. Religious/cultural reaction in northern Europe, humanism, counter-reformation, religious wars, philosophy, literature, art, music. Works by creative figures such as Petrarch, Machiavelli, Erasmus, Luther, Michelangelo, Josquin.

Hum 1004. Humanities in the West IV. (4 cr §3004)
European civilization from 17th/18th centuries. Old Regime through French Revolution/Napoleon, new science, Enlightenment, cult of sensibility, art, music. Integrative study of works by creative figures such as Cervantes, Descartes, Rembrandt, Bach, Pope, Voltaire, Rousseau, Goethe, Watteau, David, Goya, Mozart.

Hum 1005. Humanities in the West V. (4 cr §3005)

Hum 1006. Humanities in the West VI. (4 cr §3006)
Hum 1909W. Freshman Seminar. (3 cr [max 6 cr]; A-F only) Topics specified in Class Schedule.

Hum 3001. Humanities in the West I. (4 cr §1001) Greek and Roman civilization, rise of Christianity. Epic and lyric poetry, drama, architecture, sculpture, philosophy of religion. Integrative study of works by creative figures such as Homer, Hesiod, Aeschylus, Sophocles, Euripides, Aristophanes, Plato, Aristotle. Caesar, Lucretius Virgil, Ovid, Petronius, Augustine, Boethius.


Hum 3003. Humanities in the West III. (4 cr §1003) European civilization from 15th/16th centuries. Religious/cultural reaction in northern Europe, humanism, counter-reformation, religious wars, philosophy, literature, art, music. Works by creative figures such as Petrarch, Machiavelli, Erasmus, Luther, Michelangelo, Leonardo.

Hum 3004. Humanities in the West IV. (4 cr §1004) European civilization from 17th/18th centuries. Old Regime through French Revolution/Napoleon, new science, Enlightenment, cult of sensibility, art, music. Integrative study of works by creative figures such as Cervantes, Descartes, Rembrandt, Bach, Pope, Voltaire, Rousseau, Goethe, Watteau, David, Goya, Mozart.


Hum 3021. Introduction to the Historical Foundations of Modern Education. (3 cr §4021, §EPA 3021, §EPA 5021) Analysis and interpretation of important elements in modern education derived from pre-classical sources, the Greeks, Romans, Middle Ages, Renaissance, Reformation, Enlightenment, and Industrial Revolution. Basic background course.

Hum 3023. Introduction to the History of Western Educational Thought. (3 cr §4023, §EPA 3023, §EPA 5023) Great educational classics of Western civilization: by: Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, and others.

Hum 3027. Lyric Song in Medieval Culture. (3 cr) Country, popular, parlor, and sacred music traditions, 1100-1500, in specific contexts: castle, palace, monastery, nunnery, cathedral, theater, tavern, street and countryside. Social roles of men and women as patrons, performers, poets, composers, Writing historical narratives and recreating medieval performance traditions.

Hum 3029. Music in the Twentieth Century. (3 cr) Surveys music in European and American culture from 1890s to present. Emphasizes interactions between high art, popular, folkloric and ethnic musics, contributions of men and women as composers and performers, concurrent developments in the arts, dance, and literature, music as social commentary.


Hum 3281. European Intellectual History: the 18th and 19th Centuries. (3 cr) First of a two-semester course dealing with logical, philosophical and methodological issues in the historical, social and natural sciences. The period covered is from the late seventeenth century to the mid-nineteenth.

Hum 3282. European Intellectual History: the Late 19th and 20th Centuries. (2 cr) Second and concluding semester of readings in fundamental texts dealing with issues in logic, philosophy and the methodologies of the historical, social and natural sciences, from the late nineteenth century to the present. There is no text. Readings are from original sources.


Hum 3677. Self-Realization in 20th-Century Western Literature. (2 cr) Quest for meaning and process of individuation. Works by Conrad, Kate Chopin, Joyce, Sartre, Hesse.

Hum 3873. Nietzsche. (3 cr Prereq–j r or sr or #) Nietzsche’s contributions to philosophy, psychology, and criticism of religion, culture, and society.

Hum 3910. Topics in the Humanities. (2-4 cr Prereq–j r or sr or #) Topics vary by offering.

Hum 3920. Honors Course: Topics in the Humanities. (2-4 cr Prereq–j r or sr or #) Topics vary from offering to offering, and will be specified in Class Schedule.

Hum 3970. Directed Studies. (1-4 cr Prereq–#) Guided individual reading or study.

Hum 3971. Directed Studies. (1-4 cr Prereq–#) Guided individual reading or study.

Hum 4021. Historical Foundations of Modern Education. (3 cr §3021, §EPA 3021, §EPA 5021) Analysis and interpretation of important elements in modern education derived from pre-classical sources, the Greeks, Romans, Middle Ages, Renaissance, Reformation, Enlightenment, and Industrial Revolution. Basic background course.

Hum 4023. History of Western Educational Thought. (3 cr §3023, §EPA 3023, §EPA 5023) Great educational classics of Western civilization: by: Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, and others.

Hum 4873. Nietzsche. (3 cr Prereq–Sr or grad student or #) Nietzsche’s contributions to philosophy, psychology, and criticism of religion, culture, and society.

Hum 4910. Topics in the Humanities. (2-4 cr Prereq–j r orSr or #) Topics vary by offering.

Hum 4920. Honors Course: Topics in the Humanities. (2-4 cr Prereq–j r or Sr or #) Topics vary from offering to offering and will be specified in Class Schedule.

Hum 4970. Directed Studies. (1-4 cr Prereq–j r or Sr or #) Guided individual reading or study.

Hum 4971. Honors Course: Directed Studies. (1-4 cr Prereq–j r or Sr or #) Guided individual reading or study.

IE 3041. Industrial Assignment I. (2 cr; A-F only. Prereq–ME upper division, registration in ME co-op program) Industrial work assignment in engineering intern program. Evaluation based on student’s formal written report covering semester’s work assignment.

IE 4042. Industrial Assignment II. (2 cr; A-F only. Prereq–ME upper division, registration in ME co-op program) Industrial work assignment in engineering intern program. Evaluation based on student’s formal written report.

IE 4043. Industrial Assignment III. (4 cr; A-F only. Prereq–4042) Solution of system design problems that require developing criteria, evaluating alternatives, and generating a preliminary design. Final report emphasizes design communication and describes design decision process, analysis, and final recommendations.

IE 4251. Statistics, Quality, and Reliability. (4 cr Prereq–Upper div or grad student or CNR) Random variables/probability distributions, statistical sampling/measurement, statistical inferencing, confidence intervals, hypothesis testing, simulation/multivariate regression, design of experiments, statistical quality control, quality management, reliability, maintainability, availability.

IE 5080. Topics in Industrial Engineering. (4 cr; Prereq–Upper div or grad student) Topics vary each semester.


IE 5512. Applied Ergonomics. (4 cr; A-F only. Prereq–Upper div Jr or Sr grad student) Small groups of students work on practical ergonomic problems in local industrial firms. Projects cover a variety of ergonomic issues: workstation design, equipment and tool design, back injuries and material handling, cumulative trauma disorders, illumination and noise, and safety.

IE 5513. Engineering Safety. (4 cr; A-F only. Prereq–Upper div Jr or Sr grad student) Occupational, health, and product safety. Standards, laws, and regulations. Hazards and their engineering control, including general principles, tools and machines, mechanics and structures, electrical safety, materials handling, fire safety, and chemicals. Human behavior and safety, procedures and training, warnings and instructions.

IE 5522. Quality Engineering and Reliability. (4 cr; Prereq–4521 or equiv; upper div or grad student or CNR) Quality engineering/management, economics of quality, statistical process control design of experiments, reliability, maintainability, availability.
Course Descriptions

IE 5541. Project Management. (4 cr. Prereq—Upper div or grad student) Project screening/selection, multiple-criteria methods for project selection, project structuring/work breakdown, project teams, project scheduling, resource management, life-cycle costing, project control, project termination, research/development projects, computer support for project management.


IE 5551. Production Planning and Inventory Control. (4 cr. Prereq—CNR or upper div or grad student) Inventory control, supply chain management, demand forecasting, capacity planning, aggregate production and material requirement planning, operations scheduling, and shop floor control. Quantitative models used to support decisions. Implications of emerging information technologies and of electronic commerce for supply chain management and factory operation.


IDSc 4102. Introduction to Information Systems Analysis. (3 cr; A-F only. Prereq—3001) Life cycle for development of an information system application. Standards, tools, and techniques required in analysis of information requirements and in logical design of system designs. Processing alternative approaches to systems design.

IDSc 4103. Database Design, Manipulation, and Management. (3 cr; A-F only. Prereq—3001) Use of computer technology and software to represent, manipulate, and manage data. Facilities for ad hoc interactive use and system development. Principles and techniques of logical database design. Introduction to physical representation and storage of data. DBMS tools to manage data and high-level languages to retrieve and manipulate data.

IDSc 4431. Advanced Database Design and Administration. (3 cr; A-F only. Prereq—4103) Role, organization, functions, and tools of data administration. Data planning and information architectures. Object-oriented DBMS and support for graphics and V/CAM applications. Data security, maintaining database integrity, and managing data shared, networked or distributed environment. Strategies for using advanced DBMS tools and CASE tools.

IDSc 4432. Advanced Database Management and Administration. (3 cr; A-F only. Prereq—3001) Database manipulation languages, comprehensive DBMS facilities, and O-O DBMS. Analysis and data mining tools. Deploying/managing databases in a distributed environment. Data integration and privacy.

IDSc 4441. Electronic Commerce. (2 cr; A-F only. Prereq—3001) Scale relationships as a conceptual basis. Evolutionary execution strategy based on application of business principles of key functions using proven product development practices. Measurement/evaluation principles/practice. Case studies from advertising, marketing, and fulfillment functions.


IDSc 4490. Information Systems Special Topics. (2 cr [max 10 cr]; A-F only. Prereq—3202) Discussion and analysis of current topics and developments in information systems.

IDSc 4491. Independent Study in Information Systems. (1-4 cr; A-F only. Prereq—4490) Learning by working in IS activities and receiving appropriate training from a sponsoring organization. Custom designed to meet pre-established learning objectives. “Work practice” plan required and must be approved by the organization and the director of IDSc undergraduate studies.

Institute of Technology (IoT)

IoT 0001. Fundamentals of Engineering Review (E.I.T. Refresher). (0 cr; S-N only. Prereq—Bachelor’s degree in engineering) For engineering graduates who are preparing for the Engineer-in-Training examination, the first two of four written exams required for registration as a professional engineer. Review of mathematics, chemistry, materials, statics, strength of materials, thermodynamics, electric circuits, fluid mechanics, and engineering economics.


IoT 1901. Freshman Seminar, Environment. (1-3 cr [max 4 cr]; A-F only) Topics vary. See Class Schedule.

IoT 1904. Freshman Seminar: International Perspective. (1-3 cr [max 4 cr]; A-F only) Topics vary. See Class Schedule.

IoT 1905. Freshman Seminar, [1-3 cr [max 4 cr]) Topics vary. See Class Schedule.
Insurance (Ins)

Industrial Relations Center

Curtis L. Carlson School of Management


Ins 5100. Corporate Risk Management. (2 cr) Theory applied to corporate risk management and insurance practices. Identification, measurement, and treatment of an organization’s financial risks integrated with its property, liability, workers compensation, and human resource risks. Selection and application of risk control and risk financing tools: risk retention, reduction and transfer, including insurance.

Ins 5101. Employee Benefits. (2 cr. Prereq–5100 or HRIR 3021 or #) Design/administration of employee benefit plans and pension programs: health insurance, disability plans, salary reduction/deferred compensation programs—from social insurance to executive benefits. Multiple employer trusts. Alternative funding methods, including self-insurance. Ethical issues, legal liability, compliance with regulations.

Ins 5200. Insurance Theory and Practice. (2 cr) Risk theory is applied to practices in health, liability, life, property, and workers compensation insurance. Insurance marketing, pricing, underwriting, and claims administration, with adverse selection and moral hazard effects. Policy issues of tort versus no-fault compensation systems. Self-insurance and integrated risk financing methods.


Interdepartmental Study (ID)

Career and Community Learning Center

College of Liberal Arts

ID 1201. Career Exploration. (2 cr. Prereq–Fr or soph) Students learn about their unique interests, skills, personality, values. Using this information in choosing major/career, importance of internships, community service, other practical experiences.

ID 3201. Career Planning. (2 cr) For juniors and seniors. A practical introduction to integrating individual talents, values, interests, and experience with critical career search strategies. Emphasis on understanding the marketplace, internet research, strategic resume writing, networking, and interviewing.

ID 3205. Law School Exploration. (1 cr) Assessment of fit between individual, law school, and career field of law. Off-campus informational interviews, site visits.

ID 3211. Internship: Perspectives on Work. (4 cr. Prereq–A, internship through Career and Community Learning Center) Combines practical experience in an internship with reflection upon work in our society. Organizational structure, work as a cultural phenomenon, history of concepts of work, relationship of work to broader demands of citizenship.

ID 3301. Introduction to Marxism. (3 cr) Marxist philosophy as a worldview and methodology for study of processes in nature, society, and thought; linkage between technological development and evolution of class-divided societies; economic theory of capitalism and socialism; transition to socialism, theory and practice; racism, sexism, homophobia, and national conflicts; aesthetics.

ID 3311. Museum Exhibits: From Initial Vision to Practical Implementation. (2 cr. Prereq–#) Introduces students to museum exhibit development, including the study design and preparation of the scientific and educational content. Study of several exhibits with a focus on the development of a major exhibition.

ID 3321. AIDS/HIV: Ethical Issues. (3 cr) Multidisciplinary examination of AIDS/HIV in cultural context. Ethical issues in educational, medical, commercial, cultural context. Ethical issues in educational, medical, and political responses to AIDS. Community resources available to people with HIV. Local debates about who gets what services. Required group service project in the community.

ID 3395. OMSAA: Pre-Law Program. (4 cr. Prereq–#) Non published course. OMSAA program for selected students to participate in a summer exchange program with William Mitchell Law School.

ID 3501. Community, Service, and Self: Dynamics of Gender, Race, and Class. (2 cr. Prereq–A) First half of a year-long course designed to complement students’ volunteer experience in local communities. Examine community development and “community service” theory across cultures while applying them to direct service experience. Students volunteer 2-3 hours per week.

ID 3502. Community, Service, and Self: Dynamics of Gender, Race, and Class. (2 cr. Prereq–2005) Second half of a year-long course designed to complement students’ volunteer experience in local communities. Examine community development and “community service” theory across cultures while applying them to direct service experience. Students volunteer 2-3 hours per week.

ID 3551. Metro Internship Seminar: Corporate Social Responsibility and Ethical Leadership. (6 cr. Prereq–#) Cross-disciplinary course combining theoretical work with a ten-week internship in a local corporation. Focus is on ethics, leadership, organizational change, and strategies for bringing about social change.


ID 3581. HECUA Off-Campus Study Program: City Arts Reading Seminar. (4 cr. Prereq–#) City Arts Reading Seminar. (4 cr. Prereq–#) Arts, popular culture, social change. Interdisciplinary field study, seminar work, internship. Offered each spring semester.

ID 3582. HECUA Off-Campus Study Program: City Arts Field Seminar. (4 cr. Prereq–#) City Arts Field Seminar. (4 cr. Prereq–#) Arts, popular culture, social change. Interdisciplinary field study, seminar work, internship. Offered each spring semester.

ID 3583. HECUA Off-Campus Program: City Arts Internship Seminar. (8 cr. Prereq–#) City Arts Internship Seminar. (8 cr. Prereq–#) Arts, popular culture, social change. Interdisciplinary field study, seminar work, internship. Offered each spring semester.


ID 3993. Directed Study. (1-4 cr [max 8 cr]. Prereq–A, Q) Guided individual reading or study.
Course Descriptions

Interdisciplinary Archaeological Studies (InAr)
College of Liberal Arts

InAr 5100. Topics in Interdisciplinary Archaeological Studies. (3 cr; A-F only. Prereq–InAr grad major or #) Topics specified in the Class Schedule.

International Business (IBus)

Curtis L. Carlson School of Management

IBus 3100. International Business: Global Seminar. (3 cr [max 9 cr]; A-F. Prereq–Global Campus consent) Three-week, faculty-led program. Students spend May session examining international business first-hand. Topics and locations vary. For current offerings, contact Global Campus—Study Abroad. IBus 5100. International Business: Undergraduate Exchange. (4 cr [max 9 cr]; S-N only. Prereq–IBus 5100 completed by time of study abroad, Carlson International Programs consent) Semester of study at one of Carlson School’s international exchange partner universities. Students select courses based on their academic needs/interests. For current offerings, contact Carlson International Programs.

Italian (Ital)
Department of French and Italian
College of Liberal Arts

Ital 1001. Beginning Italian. (5 cr) Emphasis on the four language skills (speaking, writing, reading) and on Italian culture.

Ital 3301. Italian Dialects and Their Literature. (4 cr [max 16 cr]. Prereq–3015) Study of selected Italian dialects and dialect texts in their cultural and historical settings.


Ital 3201. Reading Italian Texts: Poetics, Rhetoric, Theory. (3 cr [max 9 cr]) A basic course in understanding the rhetorical and poetic aspects of language and literature; interpretive methods and theoretical concepts.

Ital 3203. Italian Travelers: From the Enlightenment to the Present. (3 cr [max 12 cr]. Prereq–1004) Literary representations of travel, migration, immigration, exile, and tourism in Italy from the Enlightenment to the present.

Ital 3209. Literature of Medieval City-States. (4 cr [max 16 cr]. Prereq–1005) The beginnings of Italian vernacular literature in the context of the city-states of the 11th to 14th centuries.

Ital 3219. Literature of the Despotisms. (4 cr [max 16 cr]. Prereq–1005) Prose, verse, and drama of Italy under the Sforza and foreign invaders, (1400-1600).

Ital 4303. Drama and Spectacle in Italy, 1200-1770. (4 cr [max 16 cr]. Prereq–1005) Italian drama, festival and spectacle from the medieval sacred plays to the reform of the theater by Goldoni.

Ital 4307. Novellistica. (3 cr [max 12 cr]. Prereq–3201 or permission of DUS) Study of birth and development of the novella genre. Reading and discussion of stories form the Novellino, Boccaccio, Sacchetti, Bandello, Bigolini, Basile, Verga, Deledda, Calvino, Introduction to formal study of novella structure.

Ital 4970. Directed Readings. (1-4 cr [max 16 cr]. Prereq–#) Meets unique requirements decided on by faculty member and student. Individual contracts list contact hours, number of credits, written and other work required.

Ital 5201. Reading Italian Texts: Poetics, Rhetoric, Theory. (3 cr [max 12 cr]. §3201. Prereq–Grad student or #) Rhetorical/poetic aspects of language and literature. Interpretive methods, theoretical concepts.

Ital 5203. Italian Travelers: From the Enlightenment to the Present. (3 cr [max 12 cr]. §3203. Prereq–Grad student or #) Literary representations of travel, migration, immigration, exile, and tourism in Italy, from Enlightenment to present.

Ital 5209. Trecento Literature: Ruling the Canon. (4 cr [max 16 cr]. §Prereq–1005, 3201 or #) Works of Boccaccio and Petrarch and their role in establishing the canon of the Italian vernacular literature. Taught in English also as MeSt 5610.

Ital 5289. The Narrow Door: Women Writers and Feminist Practices in Italian Literature and Culture. (4 cr [max 16 cr]. Prereq–1005) Focuses on issues of gender, sexual difference, equality, and emancipation raised by Italian women writers and thinkers from the 19th century to the present.

Ital 5305. Staging the Self: Theater and Drama in Modern Italy. (4 cr [max 16 cr]. §5305. Prereq–Grad student of #) Theatrical representations of the self in modern Italy. Focuses on issues of identity, gender, and class in theatrical works ranging from Alfieri’s Mirra, Pirandello’s Enrico IV to Dacia Maraini’s Clytemnestra.


Ital 5337. Nation and Narration: Writings in the 19th Century. (4 cr [max 16 cr]. §Prereq–3015) Introduces the construction of modern Italian national identity by examining the role that literature plays in this process. Works by Manzoni, Foscolo, Leopardi, Gioia, Verga, Sasso, and Deledda studied in the context of a range of sociopolitical and cultural issues.

Ital 5401. Mondo di Dante. (4 cr [max 16 cr]. Prereq–1005, 3201 or #) Intensive study of Dante’s Inferno, Purgatorio, and Vita Nuova with emphasis on Dante’s linguistic and cultural contributions.

Ital 5502. Making of Modern Italy: From the Enlightenment to the Present. (3 cr [max 12 cr]. §5502. Prereq–Grad student or #) Italian literary, cultural, and symbolic practices from Enlightenment to present.

Ital 5609. World of Dante. (4 cr [max 8 cr]) Taught in English. Intensive study of Dante’s Inferno, Purgatorio, and Vita Nuova with emphasis on the personal, poetic, and political stakes of the journey of Dante’s pilgrim through hell to the earthly paradise.


Ital 5970. Directed Readings. (1-4 cr [max 16 cr]. Prereq–#) Meets unique requirements decided on by faculty member and student. Individual contracts list contact hours, number of credits, written and other work required.


Japn 3001. Japanese Calligraphy and Appreciation I. (2 cr; Prereq–1011) Basic tools (e.g., brush, sumi ink stick, rice paper). Practice in basic brush strokes. Different characters or hiragana in expressions that are appropriate for the season or that have cultural significance. Taught entirely in Japanese.

Japn 3002. Japanese Calligraphy and Appreciation II. (2 cr; Prereq–3001 or #) Tools used in Japanese calligraphy (e.g., brush, sumi ink stick, rice paper). Basic brush strokes. Talk about/appreciation of calligraphy. Different characters or hiragana in expressions that are appropriate for the season or that have cultural significance. Taught entirely in Japanese.


Japn 3090H. Honors Course: Tutorial. (1-4 cr) Tutorial.

Japn 3162. Traditional Japanese Literature in Translation. (3 cr; Prereq—No knowledge of Japanese necessary) Survey of texts in different genres from the 8th to the early 19th centuries, with attention to issues such as "national" identity, gender and sexuality, authorship, and popular culture.

Japn 3163. Early Modern Japanese Literature in Translation. (3 cr) Survey of the principal authors and genres of the period spanning Japan's opening to the West (1860s) to World War II. Writers include Natsume Soseki, Shiga Naoya, Kawabata Yasunari, and Tanizaki Junichiro.

Japn 3164. Postwar Japanese Literature in Translation. (3 cr; Prereq—Basic knowledge of modern Japanese helpful; knowledge of Japanese language not required) Survey of the ideas and styles of recent Japanese literature. Writers include Dazai Osamu, Ibuse Masaji, Oe Kenzaburo, Mishima Yukio, and Yoshimoto Banana. All readings in English translation.

Japn 3165W. Japanese Theater. (3 cr) Japanese performance traditions. Emphasizes noh, kabuki, and bunraku in their literary/cultural contexts. Relationship between these pre-modern traditions and modern theatrical forms (e.g., Takarazuka Revue).

Japn 3166. Japanese Film. (3 cr) Themes, styles, and genres of Japanese cinema through the work of classic directors (Kurosawa, Mizoguchi, and Ozu) and more recent filmmakers (Itami and Morita). Particular attention to representations of femininity and masculinity.


Japn 3451. Introduction to Japanese Linguistics. (3 cr; Prereq–3022 or #) Analysis of structure and meaning of Japanese sentence patterns.

Japn 3900. Topics in Japanese Literature. (1-4 cr [max 12 cr]) Topics specified in Class Schedule.

Japn 3920. Topics in Japanese Culture. (1-4 cr [max 12 cr]) Topics specified in Class Schedule.

Japn 3993. Directed Studies. (1-15 cr [max 15 cr]; Prereq—# A, #) Directed study in topics of Japanese literature or linguistics.


Japn 4002. Beginning Japanese. (3 cr; §1012. Prereq—4001; completed CLA second language requirement or grad student) Speaking, reading, and writing Japanese. Meets with 1012.


Japn 4062. Classical Japanese. (4 cr; Prereq–4061 or #) Analysis of the structures and arguments of classical Japanese poetry, narrative, and drama.

Japn 5040. Readings in Japanese Literature. (1-16 cr; A-F only. Prereq—4001 or equiv or #) Readings in Japanese literature. Works by women in premodern Japan including Genji monogatari, a lengthy narrative, Makura no soshi, a collection of vignettes, and poetry. Concerns include gendered writing system/authorship, narrative techniques, sexuality and the figure of the author, and strategies of fictionality.

Japn 5162. Tale Literature in Premodern Japanese. (4 cr; A-F only. Prereq—3162, course from classical Japanese language sequence or #) Tale literature, both Buddhist and secular, presents the world of the middle- to lower-class people. Rhetoric and religion, fiction and history, gender and sexuality, the role of the supernatural/fantastic, and re-tellings of earlier texts.

Japn 5163. Premodern Historical Narratives. (4 cr; A-F only. Prereq—3162, course from classical Japanese language sequence or #) Narratives rooted in history. Issues include the problematization of reality, the formation of national identity, the idea of divine Imperial power, oral storytelling and its relationship to written texts, and the popularization of historical writings.

Japn 5164. Readings in Early Modern Japanese Literature. (4 cr; A-F only. Prereq—3032 when readings are in Japanese or #) An examination of the stylistic and ideological aspects of the prose fiction, poetry, and non-fiction of the period 1863 to 1945. Offered in a rotating format alternating between readings in the original language and readings in English translation.

Japn 5165. Readings in Postwar and Contemporary Japanese Literature. (4 cr; A-F only. Prereq—3032 when offered in Japanese or #) Literary and historical exploration of selected works published between 1945 and the present. Focus may be on a writer, a period, or a theme. Offered in a rotating format alternating between readings in the original language and readings in English translation.

Japn 5166. Literature by 20th-Century Japanese Women. (4 cr. Prereq—3032 or #) Literary and historical exploration of selected works by Japanese women writers in a variety of genres. All literary texts read in Japanese; critical readings may be in English.

Japn 5171. Women's Writing in Premodern Japanese. (4 cr; A-F only. Prereq—3162 or #) Geisha monogatari, a lengthy narrative, Makura no soshi, a collection of vignettes, and poetry. Gendered writing system/authorship, narrative techniques, sexuality and the figure of the author, and strategies of fictionality.

Japn 5176. Literature by 20th-Century Japanese Women in Translation. (4 cr) Literary and historical exploration of selected works by Japanese women writers in a variety of genres. All literary texts read in English.


Japn 5251. History of the Japanese Language. (4 cr; Prereq—3032, 5431 or #) Development of Japanese grammar from classical to the modern language.

Japn 5451. Structure of Japanese. (4 cr; Prereq—3032, 5301 or #) Analysis of structure and meaning of Japanese sentence patterns.
Course Descriptions

Jpn 5452. Structure of Japanese: Phonology/Morphology. (4 cr. Prereq-3032, Ling 3001 or #) Generative and non-generative approaches to Japanese sound and word structure.


Jpn 5650. Proseminar: Japanese Linguistics. (4 cr. [max 12 cr. Prereq-5451 or 5452 or 5453 or #)] Selected topics in Japanese linguistics and/or contrastive analysis of Japanese and English with attention to contributions from Eastern and Western linguistic traditions.


Jewish Studies (JwSt)

Department of Classical and Near Eastern Studies

College of Liberal Arts

JwSt 1034. Introduction to Judaism. (3 cr. §2034, §RelA 1034, §RelA 3034, Prereq-No knowledge of Hebrew required) Survey of intellectual history, literature, beliefs, practices, values, laws, national, and cultural development. Rabbinic period through today. Ancient and modern sources used to study Judaism. Combines Western critical methodologies with the Jewish traditions of learning.

JwSt 1083. Jews and the Jewish Tradition. (3 cr. §3083, §RelA 1083, §RelA 3083) Historical figure of Judaism within context of first century Palestinian Judaism. Main groups/institutions of Judaism at time of Jesus. Rabbinic literature/traditions. Works describing Jesus’ life/sayings (synoptic gospels). Jesus and the Law, Messianic ideals/expectations, problem of religious conditions of European Jewry and assimilation. Focus on 20th century American Jewish women. The events leading to the re-establishment of the Jewish state in the 1940s and its subsequent conflict with its neighbors. Many types of 20th century American popular culture shaped, in part, by European Jewish immigrants and their native born descendants. How theater, film, music, humor, and television were affected by the Jews’ innovations, social marginality, their wish to assimilate and to resist assimilation to the culture. How the nation was and was notreshaped in the process.

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

JwSt 3113. African American and Jewish American Relations in the United States. (3 cr. §RelA 3113) Historical and social scientific study of relations between African Americans and Jewish Americans in the U. S. during the 20th century. Includes immigration, work, culture, gender, and alliance, and conflict.

JwSt 3115. Mishnah and Midrash in Translation. (3 cr. §RelA 3115) Jewish law studied as a mirror of society and as a way to actualize its value. Consideration of original sources, context, and current applications. Selections include biblical interpretations addressing moral, theological, legal, and literary problems.

JwSt 3116. Jews and Popular Culture in the 20th Century United States. (3 cr. §JwSt 3116) Many types of 20th century American popular culture shaped, in part, by European Jewish immigrants and their native born descendants. How theater, film, music, humor, and television were affected by the Jews’ innovations, social marginality, their wish to assimilate and to resist assimilation to the culture. How the nation was and was not reshaped in the process.


JwSt 3135. Contemporary Israeli Literature in English. (3 cr. §RelA 3135, §RelA 3133, §RelA 3035) Modern short stories and poetry. Works of Agnon, Yizhar, Hazaz, Yehoshua, Greenberg, Amihai, Pagis, and others. Alienation, the crisis of faith, war, Holocaust, Jews and America. Jewish art and architecture from antiquity to 7th-century C. E. Issues include Jewish art and the Second Commandment, non-Jewish artistic traditions, the nature of Jewish art. JwSt 3140. The Art and Architecture of the Jewish People. (3 cr) Jewish art and architecture from antiquity to 7th-century C. E. Issues include Jewish art and the Second Commandment, non-Jewish artistic traditions, the nature of Jewish art.

JwSt 3512W. History of the Holocaust. (3-4 cr.) Study of the 1933-1945 extermination of six million Jews and others by Nazi Germany on the basis of race. European anti-Semitism, implications of social Darwinism and race theory, perpetrators, victors, onlookers, resistance, and theological responses of Jews and Christians.

JwSt 3521W. History of the Arab-Israeli Conflict. (3-4 cr.) The events leading to the re-establishment of the State of Israel in 1948 and subsequent conflicts and negotiations up to present. Zionism and Arab, resistance, Great Powers’ involvement, War of Independence/First Palestine War, subsequent conflicts and their aftermath.

JwSt 3522. History of the Arab-Israeli Conflict. (3 cr. Prereq-No knowledge of Hebrew required) Survey of intellectual history, literature, beliefs, practices, values, laws, national, and cultural development from the rabbinic period through today. Ancient and modern sources used to study Judaism. Combines Western critical methodologies with the Jewish traditions of learning.

JwSt 3523. Jewish Literary History. (3 cr. §RelA 3523, §RelA 3035) Selected topics in Jewish literary history, including classical books, the talmudic era, and modern literature. The influence of Jewish literature on the culture. How the nation was and was not reshaped in the process.

JwSt 3631. Jewish Writers and Rebels in German, Austrian, and American Culture. (3 cr) Investigate literary and cultural modes of writing used by Jewish writers in Germany, Austria, and America to deal with problems of identity, anti-Semitism, and assimilation. Focus on 20th century. All readings (novels, poetry, stories) in English.

JwSt 3632W. Jewish Women in the United States. (2 cr. Prereq-No knowledge of Hebrew required) Analyze of the cultural, social, economic, and religious conditions of European Jewish and American society in the 19th- and 20th-centuries that structured the lives of American Jewish women.

JwSt 3900. Topics in Jewish Studies. (3 cr. [max 15 cr; A-F only]) Jewish, religious, sociological, anthropological, and humanistic study of Judaism and the Jewish people. Approach and method of study varies with topic.

JwSt 3951. Major Project. (4 cr. Prereq-# w/ JwSt major, three 3000 or 4000 level courses) Research project using primary and secondary sources. Students select project in consultation with a faculty member who directs the research and writing.

JwSt 4000W. Final Project, Writing Intensive. (4 cr. A-F only §RelA 3951, Prereq-w JwSt major, permission of DUS) Independent research/writing under supervision of a faculty sponsor. A student may approach any JwSt faculty member to develop a program of independent research/writing in an area of student’s choosing.

JwSt 4001W. Final Project, Writing Intensive. (1 cr. A-F only §RelA 3951, Prereq-# §RelA 3950, w JwSt major, permission of DUS) Independent research and writing, under supervision of a faculty sponsor. Student makes a contract with instructor to write an in-depth research paper, or comparable project, to be completed in conjunction with a JwSt 3xxx course.


JwSt 5111. Problems in Historiography and Representation of the Holocaust. (3 cr. Prereq-JwSt 3521 or Rel 3521 or #) Focuses on issues connected with the Holocaust. Inclusiveness of other groups. Holocaust vs. “Shoah,” historiographical conflicts about perpetrators, an examination of the problems of representation in literature and art, problems of narrative theology after Auschwitz.

JwSt 5112. Jewish Mysticism, Magic, and Kabbalah. (3 cr. A-F only) Mystical traditions from early rabbinic traditions to Zohar (Book of Splendor) in 13th century. Literature of heavenly ascent (Hekhalot, Merkavah), Book of Creation (Sefer Yetzirah), precursors of Zohar—the Bahir. Schools of Provence, Gerona, and Zohar. Tension between legalistic aspects, magical theoretic techniques, evolution of doctrine of Sefirot, mystical interpretation of Scripture, erotic dimension.

JwSt 5115. Mishnah and Midrash in Translation. (3 cr) Jewish law studies as mirror of society and as way to actualize its value. Original socioreligious contexts, current applications. Biblical interpretations addressing moral, theological, legal, and literary problems.

JwSt 5513. Scripture and Interpretation. (3 cr. A-F only §RelA 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 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? 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?

JwSt 5900. Topics in Jewish Studies. (3 cr. [max 6 cr]) Topics specified in Class Schedule.

JwSt 5992. Directed Readings. (1-12 cr. [max 12 cr.] Prereq-#) Guided individual reading or study.
Journalism and Mass Communication (Jour)

School of Journalism and Mass Communication College of Liberal Arts

Jour 1001. Introduction to Mass Communication. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDIM major or ICP major or BIS major)

Jour 1002. Communication in a Multicultural Society. (3 cr; A-F only. Prereq-[jour major or jour minor or approved IDIM major or ICP major or BIS major or #)

Jour 1101. Introduction to News Reporting and Writing. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDIM major or ICP major or BIS major)

Jour 1102. Visual Journalism. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDIM major or ICP major or BIS major)

Jour 3006. Visual Communication. (3 cr; A-F only. Prereq-Jour major or jour minor or design comm premajor or design comm major or graphic design premajor or graphic design major or approved IDM major or ICP major or BIS major or #)

Visual media, role of images in mass communication. Social, cultural, historical, psychological approaches to visual communication.

Jour 3007. The Media in American History and Law: Case Studies. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Media in socioeconomic-political-technological context of a specific historical period. Focuses on legal context and ethics questions.

Jour 3008. Mass Communication Processes and Structure. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Communication theories as they relate to mass communication processes. Major structural aspects of mass communication systems.

Jour 3101. News Reporting and Writing. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDM major or ICP major or BIS major; typing skill)


Jour 3101H. Honors: News Reporting and Writing. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDM major or ICP major or BIS major; honors, typing skill)


Jour 3102. Visual Journalism. (3 cr; A-F only. Prereq-Jour major or approved IDM major or ICP major or BIS major)

Introduction to nonfiction storytelling in multiple visual media. Photожournalism, news videography, print/Web graphics. Conceptualizing stories, information gathering, camera work, editing, presentation strategies for print/electronic media.

Jour 3121. Public Affairs Reporting. (3 cr; A-F only. Prereq-3004, 3101, [jour major or approved IDM major or ICP major or BIS major])

Reporting news of public institutions, including municipal, county, state, and federal administrative/legislative agencies and the courts. Politics and public companies.

Jour 3155. Publications Editing. (3 cr; A-F only. Prereq-3004, 3101, [jour major or approved IDM major or ICP major or BIS major])

Improving news/information copy through stylistically correct copyediting/rewriting. Selection/editing of news-editorial content for newspapers, magazines, and online services. Hands-on experience using news judgment to present information in print and on the Web.

Jour 3173W. Magazine Writing. (3 cr; A-F only. Prereq-3004, 3101, [jour major or approved IDM major or ICP major or BIS major or ICP])

IDL sections are open to non-majors; prerequisites do not apply to IDL sections.

Writing feature articles for consumer/trade publications. Market fee-lance methods.

Jour 3201. Principles of Strategic Communication: Advertising. (3 cr; A-F only. Prereq-Jour major or jour minor or design comm premajor or design comm major or graphics design premajor or graphics design major or approved IDM major or ICP major or BIS major or #)

Principles related to development of advertising campaigns: market analysis, positioning, creative/media strategies, evaluation. Structure of advertising industry. Economic, social, and regulatory contexts influencing advertising.

Jour 3202. Principles of Strategic Communication: Public Relations. (3 cr; A-F only. Prereq-Jour major or jour minor or approved IDM major or ICP major or BIS major)


Jour 3241. Creative Strategy and Copywriting. (3 cr; A-F only. Prereq-3004, 3201, [jour major or approved IDM major or ICP major or BIS major])


Jour 3251. Strategic Communication Research. (3 cr; A-F only. Prereq-3004, 3201, 3202, 3204, [jour major or approved IDM major or ICP major or BIS major])

Introduction to applied quantitative/qualitative research methods in advertising/public relations campaign development, management, and evaluation.

Jour 3279. Public Relations Writing and Campaign Tactics. (3 cr; A-F only. Prereq-3179. Prereq-[3004, 3159 or 3201 or 3202], [jour major or approved IDM major or ICP major or BIS major])

For professional jour track students.

Public relations tactics. Emphasizes professional skills in writing for various audiences/purposes.

Jour 3321. Basic Media Graphics. (3 cr; A-F only. Prereq-Jour major or approved IDM major or ICP major or BIS major)

Relationships between text, type, and image in communicating information. Typical individual or group projects include creating a Web site, experimenting with images/text, creating a basic layout, and new media image-making/storytelling.

Jour 3451. Electronic News Writing and Reporting. (3 cr; A-F only. Prereq-3004W, 3101, [jour major or approved IDM major or ICP major or BIS major])

News writing, reporting, video photography/editing, on-air delivery.

Jour 3511. Economics of New Media. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Economic issues related to traditional/new media companies and emerging communications technologies.

Jour 3552. Internet and Global Society. (3 cr; A-F only. Prereq-Jour major or approved IDM major or ICP major or BIS major or #)

For professional jour track students.

Structure/processes of the Internet and global society in a comparative context. The Internet, via the World Wide Web, as an ideal site to explore how/why societies come to know the world and its issues the way they do.

Jour 3614. History of Media Communication. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Historical perspective on tools of communication, from earliest times to present. Impact of new technologies on society.

Jour 3741. People of Color and the Mass Media. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Past/present depictions of people of color in movies, literature, radio/TV, etc. against anthropological, psychological, and sociological knowledge/experience. Emphasizes personal/political effects of media depictions.

Jour 3745. Mass Media and Popular Culture. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Mass media’s role in formation of popular culture and cultural discourse. Prevalent media metaphors, caricatures, and stereotypes. Social/commercial pressures influencing media representation.

Jour 3771. Mass Media Ethics: Moral Reasoning and Case Studies. (3 cr; A-F only. Prereq-Jour–Non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval])

Overview of ethical dilemmas faced by journalists, advertisers, and public relations and communications specialists. Case studies, ethical principles/theories, professional codes of ethics, standards that have been used by mass media.

Jour 3776. Mass Communication Law. (3 cr; A-F only. Prereq-Summer: non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval]; fall/spring: jour major or jour minor or approved IDM major or ICP major or BIS major or #)

Brief historical background, First Amendment rights, basic law of defamation, free press and fair trial, access to news, access to the press, privacy, contempt, obscenity, regulation of broadcasting/advertising.

Jour 3796. Mass Media and Politics. (3 cr; A-F only. Prereq-Jour–Non-jour major or jour major with course appr on prog plan or [pre-jour with adviser approval])


Jour 3990. Special Topics in Mass Communication. (3 cr; A-F only. Prereq-Jour major or approved IDM major or ICP major or BIS major or #)

Topics specified in Class Schedule.

Jour 3993. Directed Study. (1-3 cr; max 6 cr; A-F only. Prereq-1-3 cr per semester, 6 cr max; [jour major or jour minor or approved IDM major or ICP major or BIS major])

Directed study, projects.

Jour 3996. Directed Instruction. (1-3 cr; max 3 cr; S-N only. Prereq-Jour major, A)

Internship supervised by communications organization at which student is working and by student’s academic sponsor.

Jour 4171. Capstone: Covering the Arts. (3 cr; A-F only. Prereq-3004W, 3101, [jour major or approved IDM major or ICP major or BIS major])

Assignments may follow flow of Twin Cities arts/entertainment scene, including its controversies, or may trace the journey of a particular arts organization (e.g., Jungle Theater) through its season. Weekly writing assignments, readings, field trips, guest lectures from artists/artists journalists.

Jour 4193. Walter H Bravold and John Cameron Sym Community Newspaper Practicum. (3 cr; A-F only. Prereq-3004W, 3101, 3201 or 3202, [jour major or approved IDM or BIS or ICP])

Field-based practicum at community newspaper in metropolitan area. Students work directly with editors, reporters, or advertising staff to produce news, features, or advertising material. Weekly meetings with instructor about newspaper assignments, readings, projects, or guest lectures.

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

J our 4259. Cases in Strategic Planning and Thinking. (3 cr; A-F only, §4159. Prereq—Pre-3006W, [3159 or 3201 or 3202, 3251, [jour major or approved IDIM major or ICP major or BIS major]).
Strategic communication cases related to campaigns or issues in business, government, education, or community.

J our 4261. Advertising: Media Strategy. (3 cr; A-F only. Prereq—Pre-3006W, 3159 or 3201 or 3202, 3251, [jour major or approved IDIM major or ICP major or BIS major]).
Strategic elements of media planning, media consumption patterns/trends. Context/role of media planning within marketing/advertising. Information resources, terminology, and tools used in media planning and negotiations.

J our 4263. Strategic Communication Campaigns. (4 cr; A-F only. Prereq—Pre-3006W, 3251, Mtkt 3001, [3179 or 3241 or 3279 or 4159 or 4259 or 4261, [jour major or approved IDIM major or ICP major or BIS major]).
Developing campaign strategy/tactics. Emphasizes planning/decision-making skills. Students work in groups with varying specializations.

J our 4272. Interactive Advertising. (3 cr; A-F only. Prereq—Non-jour major or [jour major, course appr on prog plan or [pre-jour, adviser approval])
Interactive advertising models, how they differ from traditional ad models. Issues related to creating, measuring, pricing, and targeting interactive ads. Integrates: legal, ethical, and social contexts.

J our 4274. Advertising in Society. (3 cr; A-F only. Prereq—jour major or [jour minor or approved IDIM major or ICP major or BIS major])
Forms of regulation: self-regulation and governmental. Critique of advertising’s role in society. Current issues (e.g., stereotyping, political advertising, advertising to children). Ethics in advertising.

J our 4302. Electronic Photojournalism. (3 cr; A-F only. Prereq—Pre-3006W, 3102, [jour major or approved IDIM major or ICP major or BIS major]).
Practice of photojournalism in contemporary digital environment. Visual storytelling, digital processing, professional/ethical issues.

J our 4321. Publication Graphics. (3 cr; A-F only. Prereq—Pre-3004, 3321, [jour major or IDIM major or ICP major or BIS major])
Design process applied to production of magazines, brochures, newsletters. Computer as tool to prepare electronic documents for printing.

J our 4451. Capstone: Advanced Electronic News Writing and Reporting. (3 cr; A-F only, §4442. Prereq—Pre-3006W, 3103, 3451, [jour major or approved IDIM major or ICP major or BIS major]).
Researching, reporting, shooting, writing, and editing TV news packages. Lecture, lab.

J our 4452. Capstone: Electronic Newscast Producing. (3 cr; A-F only. Prereq—Pre-3004, 3101, 3451, [jour major or approved IDIM major or ICP major or BIS major]).
Planning, writing, and producing live TV newscasts. Lecture, lab.

J our 4551. New Media Culture. (3 cr; A-F only. Prereq—Non-jour major or jour major with course appr on prog plan or [pre-jour, adviser approval])

J our 4731H. Honors: Communications Problems and Issues. (3 cr; A-F only. Prereq—[jour major or jour minor or approved IDIM major or ICP major or BIS major], honors)
Individual project. Seminars.

J our 4801. Global Communication. (3 cr; A-F only. Prereq—Non-jour major or [jour major, course appr on prog plan or [pre-jour, adviser approval])

J our 4990. Special Topics in Mass Communication. (3 cr; max 12 cr; A-F only. Prereq—jour major or approved IDIM major or ICP major or BIS major)
Topics specified in Class Schedule.

J our 4993H. Honors: Directed Study. (1-3 cr; max 6 cr; A-F only. Prereq—jour major, honors div regis, Α, Δ, Ε) Directed study/projects.

J our 5004. Advanced Information for Mass Communication. (3 cr; A-F only. Prereq—Enrollment in MA in health journalism)

J our 5101. Advanced News Writing and Reporting. (3 cr; A-F only. Prereq—Enrollment in MA in health journalism or Ε)

J our 5131. Capstone: In-Depth Reporting. (3 cr; A-F only §4311. Prereq—Pre-3004W, 3101, [3121 or 3173W or 3451, [jour major or approved IDIM major or ICP major or BIS major] or grad student)]
Techniques/issues of special project stories. Explanatory, investigative, civic, and literary or ethnographic journalism. Topics (e.g., civil rights, governmental malfeasance, health care problems) typically involved in these stories.

J our 5155. Capstone: Advanced Reporting Methods. (3 cr; A-F only §4155. Prereq—Pre-3004W, 3101, [3121 or 3173W or 3451, [jour major or approved IDIM major or ICP major or BIS major] or grad student)
Investigative techniques for mass media, computer-assisted reporting, use of records/documents, advanced interviewing, methods for adverse conditions, or field-based practice.

J our 5174. Capstone: Magazine Editing and Production. (4 cr; A-F only. §4174. Prereq—Pre-3004W, 3101, [3155 or 3173W or 3321 or 4032], [jour major or approved IDIM major or ICP major or BIS major] or grad student)
Writing, editing, illustration, design, layout, and photocomposition of print or Web magazine. Emphasizes reporting, telling substantive stories. Students work in groups with varying specializations.

J our 5251. Psychology of Advertising. (3 cr; A-F only. Prereq—Summer—non-jour major or [jour major, course appr on prog plan] or [pre-jour, adviser approval, fall/spr; jour major]) or min or design comm or graphic pre-design or design comm or graph design or IDIM/ICP/BIS or #)
Psychological principles, research techniques, and applications in advertising/selling. Consumer attitudes-behavior. Psychological mechanisms upon which effectiveness of advertisements/commercials depends.

J our 5316. Theories of Visual Communication. (3 cr; A-F only. Prereq—[Pre-3006, [jour major or jour minor or approved IDIM major or ICP major or BIS major]] or grad student or #)
Perspectives on study/analysis of visual communication. Message structure, systems of production, use on visual media. Contributions from sociology, anthropology, psychology, and history.

J our 5501. Communication and Public Opinion. (3 cr; A-F only. Prereq—Non-jour major or jour major with course appr on prog plan or prejur with adviser approval)
Theories of communication, persuasion, attitude change. Functions of interpersonal/mediated communication in diffusion of information and in opinion formation.

J our 5541. Mass Communication and Public Health. (3 cr; A-F only. Prereq—[jour major or jour minor or grad major or IDIM major or ICP major or BIS major])
Role, function, effect of mass media on public health. Planned/unplanned effects. Review/analysis of literature on how theories, models, assumptions of mass communication research relate to public health.

J our 5552. Law of Internet Communications. (3 cr; A-F only §4552. Prereq—non-jour major or [jour major, course approval on prog plan] or [pre-jur, adviser approval])
Whether/how/which traditional media laws/ regulations apply to the Internet. Developing law of communication on Internet, global/ethical issues.

J our 5601W. History of Journalism. (3 cr; A-F only. Prereq—jour major or jour minor or approved IDIM major or ICP major or BIS major; IDL sections are open to non-majors; prereqs do not apply to IDL sections)
Development of American media, from beginnings in Europe to present day. Rise of film/radio/television/Internet. Relation of communications development to political, economic, social, political.

J our 5606W. Literary Aspects of Journalism. (3 cr; A-F only. Prereq—jour major or jour minor or approved IDIM major or ICP major or BIS major; IDL sections are open to non-majors; prereqs do not apply to IDL sections)
Literary aspects of journalism as exemplified in, and influenced by, works of American/British writers, past/present. Lectures, discussions, weekly papers, critiques.

J our 5615. History of the Documentary. (3 cr; A-F only §4815. Prereq—Non-jour major or [jour major, course approval on prog plan] or [pre-jur, adviser approval])
The social history of photography, film, video.
Informational, documentary, propaganda, and entertainment functions of visual communication. Rise/influence of visual media industries and of public-image making.

J our 5725. Management of Media Organizations. (3 cr; A-F only. Prereq—Non-jour major or jour major with course appr on prog plan or prejur with adviser approval)
Introduction to concepts/principles of media management. Strategic planning, leadership, organizational strategies, issues/strategies/legal issues.

J our 6771. Media Ethics: Principles and Practice. (3 cr; A-F only. Prereq—Non-jour major or [jour major, course appr on prog plan] or [pre-jur, adviser approval])
Connecting theoretical approaches to media ethics with real-life case studies. History of ethical standards in print, broadcast, photojournalism, public relations, and advertising. Making ethical judgments in complex situations.

J our 5777. Contemporary Problems in Freedom of Speech and Press. (3 cr; A-F only. Prereq—jour major or jour minor or approved IDIM major or ICP major or BIS major)
Legal/constitutional derivation of freedom of press/speech. Emphasizes case law, statutes, judicial theories. Leading cases in privacy torts, prior restraint, news gathering/dissemination. Access to courts/government, including via the Internet. Legal research techniques.

J our 5825. World Communication Systems. (3 cr; A-F only. Prereq—Non-jour major or jour major with course appr on prog plan or prejur with adviser approval)
Mass media systems of world, described/analyzed regionally/nationally. Historical roots, social, economic, cultural context. Contemporary conditions/prospects. Relevance of journalism/mass communication to international affairs.
Kinesiology (Kin)

School of Kinesiology

College of Education and Human Development

Kin 5121. Application of Basic Sciences to Kinesiology. (3 cr; A-F only)
Examination of how knowledge from the basics of science can lead to different perspectives from which to approach questions directed to kinesiological inquiry.

Kin 5122. Applied Exercise Physiology. (3 cr; A-F only. Prereq–4385 or equiv or #)
Mechanisms of cardiorespiratory and muscular responses to exercise; application of exercise physiology to assessment of work capacity, athletic conditioning, and requirements of human powered vehicles; low to moderate exercise as an intervention in lowering risk for common health problems.

Kin 5126. Sport Psychology. (3 cr. Prereq–3126 or equiv or #)
Theory and research in sport psychology. Focus on the psychological study of human behavior in sport and physical activity settings.

Kin 5136. Psychology of Coaching. (3 cr)
Psychological dimensions of coaching across age levels, including coaching philosophy, leadership, communication skills, motivation, and mental skills training for performance enhancement.

Kin 5141. Nutrition for Health and Physical Performance. (3 cr; A-F only. Prereq–FSCN 1112 or equiv)
Requirements and physiological roles of nutrients and physical activity in promotion of health/performance. Assessment of energy requirements. RDAs, food composition/safety, weight management. Prevention of chronic diseases; emphasizes coronary heart disease.

Kin 5152. Curriculum Development in Physical Education. (2 cr; A-F only. Prereq–lic/med phys ed student)
Trends, issues, and challenges in early childhood/K-12 physical education. Potential effect on curriculum.

Kin 5171. Foundations of Kinesiology. (3 cr; A-F only. Prereq–Kin major or #)
Introduction to the emerging field of kinesiology, broadly conceived as the study of human movement. Development and emergence of the term kinesiology and the scholarly, political, and educational ramifications of its development.

Kin 5186. Practicum: Developmental/Adapted Physical Education. (1-4 cr; max 4 cr; S-N only. Prereq–5103 or 5104 or 5104 or 5104 or #) Kin undergraduate pre-teaching with sr status are limited to 2 practicum hrs)
Observation of, participation in physical education instruction for students with disabilities. Current issues in developmental/adapted physical education. Exchange of ideas/problems.

Kin 5235. Advanced Biomechanics II: Kinetics. (3 cr; A-F only. Prereq–[3112 or equiv], PMed 5135, undergrad college physics, intro calculus.)

Kin 5282. International and Comparative Sport and Physical Education: The Olympic Games. (3 cr. A-F only. Prereq–Grad or #)
Explores the role the Olympic Games have played and continues to play in the global village. Advanced insight into the substance, nature, and significance of sport to nation building and the international and comparative sociocultural process.

Kin 5150. Beginning Military Physical Training. (1 cr; max 4 cr; A-F only)
The Army’s model of physical fitness training is used to address five aspects of fitness in the context of running, weight training, strength exercise, circuit training, and team sport activities. Students are organized into groups of similar fitness levels.

Kin 1375. Play Behavior. (3 cr)
Overview of play behavior across species, cultures, social settings. Relationship of play between physical/psychological development, role of sports/games in play, design of toys/playgrounds.

Kin 1871. Introduction to Kinesiology. (2 cr; A-F only)
Examination of the professional and disciplinary dimensions of physical activity. Representative experiences include lecture, discussion, small group activities, and laboratory tours.

Kin 1989. Health and Society. (3 cr; A-F only $1999)
Major factors influencing human health, including behavior, the physical, social environment, policy, and economics. Opportunities for citizen participation in addressing each factor are explored, focusing on health topics such as nutrition and violence.

Kin 1993. Directed Study in Kinesiology. (1-6 cr; A-F only. Prereq–#)
For lower division students planning to major in kinesiology who wish to study a topic or problem under tutorial guidance.

Kin 3001. Lifetime Fitness and Health. (3 cr; A-F only)
Overview of health and wellness, including physical, emotional, intellectual, spiritual, social, environmental, and financial health. Societal changes and the influences of these changes on the general health and wellness of diverse populations.

Kin 3027. Human Anatomy for Kinesiology Students. (3 cr; A-F only)
Introduction to human anatomy. Emphasizes musculoskeletal anatomy germane to athletic training, biomechanics, exercise physiology, motor learning/development.

Kin 3050. Advanced Military Physical Training. (1 cr; max 4 cr; A-F only. Prereq–A or 4 or 1050 or #)
Students take on leadership roles in implementing Army’s model of physical fitness training. Model addresses five aspects of fitness in the context of running, weight training, strength exercise, circuit training, and team sport activities.

Kin 3111. Human Anatomy. (2 cr; A-F only §3110)
Beginning anatomy course for nonkinesiology students pursuing coaching licensure or for nonprofessional students interested in an exercise science approach to anatomy. Focus on a regional approach to muscle, nerve, and circulatory anatomy of the limbs and trunk and a systematic anatomy approach for cardiovascular, respiratory, digestive, urinary, and nervous systems. Students are encouraged to voluntarily attend arranged demonstrations of human cadaver dissections.

Kin 3112. Introduction to Biomechanics. (3 cr; A-F only. Prereq–[3027 or 3111 or CBN 1027], Phys 1101W, CEHD student(s) or #)

Kin 3113. First Responder for Coaches and Athletic Trainers. (3 cr; A-F only. Prereq–[3027 or 3111 or CBN 1027], Phys 1101W, CEHD student(s) or #)
Introduction to emergency medical science. Test selection, construction, evaluation, and administration. Basic research methods, statistical analysis, and interpretation of test scores.

Kin 3115. Measurement, Evaluation, and Research in Kinesiology. (3 cr; A-F only §3150. Prereq–Kin major or #)
Introduction to the philosophy of evaluation and measurement in physical education and exercise science. Test selection, construction, evaluation, and administration. Basic research methods, statistical analysis, and interpretation of test scores.

Kin 3168. Soccer Coaching. (1 cr)
Fundamental approaches used in coaching soccer. Teaching/coaching techniques, team organization, management, development of training schedules, rules/strategies related to the game.

Kin 3169. Volleyball Coaching. (1 cr. Prereq–Good understanding of volleyball)
Motivation, team building, communication, game strategies, philosophy. Lecture, discussion, practical application.

Kin 3171. Baseball Coaching. (1 cr. Prereq–Good understanding of baseball)
Safety, rules, team building, game strategies, and philosophy. Lecture, discussion, practical application.

Kin 3172. Basketball Coaching. (1 cr)
Teaching/coaching individual/team skills of basketball. Rules, strategies.

Kin 3173. Football Coaching. (1 cr)
Responsibilities/philosophies of coaching. Team management, skill development/analysis, rules, systems of play, psychology, scouting.

Kin 3174. Golf Coaching. (1 cr)
Safety, rules, etiquette. skill development and analysis, and philosophy. Students should have a good understanding of the sport before enrolling. Lecture, discussion, and practical application.

Kin 3175. Gymnastics Coaching. (1 cr)
Coaching gymnastics for males/females. Skill progression, skill analysis, spotting, routine construction, safety, training for competition, scoring, rules, psychology, off-season conditioning, responsibilities of coach.

Kin 3176. Ice Hockey Coaching. (1 cr)
Coaching hockey for males/females. Terminology, breakouts, penalty killing, power-plays, neutral ice play, offensive checking, defensive strategies, comparisons of men’s/women’s techniques.

Kin 3177. Swimming and Diving Coaching. (1 cr)
Coaching swimming for males and females. Stroke mechanics, starts/turns, safety, training for competition, psychology, off-season conditioning, roles/responsibilities of coach.

Kin 3178. Tennis Coaching. (1 cr)
Coaching strategies, safety/rules, training for competition, off-season training/conditioning, roles/responsibilities of coach.
Kin 3179. Track and Field Coaching. (1 cr) Basic training/conditioning programs, event characteristics, teaching/coaching strategies, knowledge of track/field, meet administration.

Kin 3181. Wrestling Coaching. (1 cr) Teaching/coaching of technique, team organization/management, rules interpretation, development of training schedules.

Kin 3327. Teaching Physical Education in the Elementary School. (2 cr; A-F only. Prereq–Elem ed major) Overview of the elementary physical education process with focus on a classroom teacher’s perspective and needs. Representative experiences include participation, lecture, micro-teaching, final test.

Kin 3385. Human Physiology for Kinesiology Students. (3 cr; A-F only. Prereq–[[3027 or equiv], Kin major] or #) Tissue/organ function, cell structure, cellular enzymes, energy production, chemical composition of the body. Nervous, muscular, endocrine, circulatory, renal, respiratory, and gastrointestinal physiological control systems studied in detail. Clinical, exercise, sport, work examples.

Kin 3696. Supervised Practical Experience. (1-10 cr [max 10 cr]; S-N only. §3625. Kin major, §) On-the-job supervised practical experience in the fields of sport and exercise under a specialist in a particular area of study or emphasis.

Kin 3993. Directed Study in Kinesiology. (1-10 cr [max 10 cr]; A-F only. Prereq–#) Student-selected clinical or research experience.

Kin 3993H. Directed Study in Kinesiology. (1-10 cr [max 10 cr]; A-F only. Prereq–Kin Honors, §) Student selected clinical or research experience.

Kin 4001H. Honors Seminar in Kinesiology. (3 cr; A-F only. Prereq–Kin honors) Contemporary issues in kinesiological research. Laboratory rotations, development of UROP project proposal, development of senior thesis topic, advanced study, career opportunities in Kinesiology, special learning opportunities.

Kin 4132. Motor Development. (3 cr; A-F only) Developmental aspects of human movement behavior/learning. Life span change of motor skills.

Kin 4135. Motor Control and Learning. (3 cr) Main theoretical ideas/research that have advanced motor control/learning over last three decades.

Kin 4385. Exercise Physiology. (4 cr; A-F only. Prereq–[[3385 or equiv], Kin major] or #) Effects of exercise on physiological systems of human body. Energy/nutritional requirements of exercise, prescription, athletic conditioning, ergogenic aids, exercise in environmental extremes, gender/heritability factors related to adaptation to training.

Kin 5001. Foundations of Human Factors/Ergonomics. (3 cr; A-F only) Variability in human performance as influenced by interaction with designs of machines and tools, computers and software, complex technological systems, jobs and working conditions, organizations, and sociotechnical institutions. Emphasizes: conceptual, empirical, practical aspects of human factors/ergonomic science.

Kin 5103. Development/Adaptive Physical Education. (3 cr; A-F only) Introduction to physical education for students with disabilities, emphasizing conceptual, organizational, and administrative issues. Topics include historical and legal foundations, service components, individualized education plans, professional roles, and assessment of movement skills.

Kin 5104. Physical Activities for Persons with Disabilities. (3 cr; A-F only) Different approaches to providing physical education service and related movement interventions for persons with disabilities. Topics: movement behavior foundations, movement skill progressions, unique considerations for specific impairments, and sport for persons with disabilities.

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

Kin 5115. Event Management in Sport. (3 cr; A-F only. Prereq–Grad student, §) Techniques/principles of planning, funding, and managing sport events. Collegiate championships, non-profit events, benefits, professional events.

Kin 5365. Health Promotion Program Design and Implementation. (3 cr; A-F only. Prereq–#) Study of behavioral change methodology and theory related to nutrition, weight control, exercise, stress management, healthy lifestyles, and lifetime health. Application of these concepts in health promotion settings including work sites, managed care organizations, clinics, fitness centers, and educational institutions.

Kin 5371. Sport and Society. (3 cr; A-F only. Prereq–[3126, grad student] or #) Sport, sport processes, social influences, systems. Structures that have existed and effect within/among societies, nations, and cultures. Contemporary issues such as social delineation and existence, and how they have evolved.

Kin 5375. Competitive Sport for Children and Youth. (3 cr) Cognitive, behavioral, and biological factors having important implications for competitive sport participants from early childhood through high school age. Emphasis on translating sport science research into practical implementation for youth sport coaches, teachers, and administrators.

Kin 5385. Exercise for Special Populations. (2 cr; A-F only. Prereq–Undergrad physiology or biology) Exercise testing and prescription with modifications required because of special considerations associated with aging, gender differences, environmental conditions, and the presence of medical conditions.

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

Kin 5435. Advanced Theory and Techniques of Exercise Science. (3 cr; A-F only. Prereq–[3385, 4385, Kin major] or #) Theoretical components of teaching/coaching, exercise prescription. Hands-on experience in exercise science research and clinical settings. Laboratory exercises, lectures.

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


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


Kin 5621. Advanced Athletic Training: Evaluation of Athletic Injury. (3 cr; A-F only. Prereq–[3114, [3027 or CBN 1027]) Theory, principles, techniques to recognize/evaluate athletic injury to all major body parts.

Kin 5622. Therapeutic Modalities in Athletic Training. (3 cr; A-F only. §Rec 5114) Theoretically based guide for the use of therapeutic modalities for the management of athletic injuries in a practical setting.

Kin 5631. Programming and Promotion in Sport. (3 cr; A-F only. 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. Discussion, practical application.

Kin 5696. Practicum in Kinesiology. (1-6 cr [max 6 cr]; S-N only. §Rec–Grad student in Kin, §) Practical experience in kinesiology under supervision of a University adviser and/or instructor.

Kin 5697. Student Teaching: Coaching. (1-10 cr [max 10 cr]; S-N only. §Rec–Admission to coaching program, §) Student coaching experience under supervision of a mentor coach.

Kin 5720. Special Topics in Kinesiology. (1-8 cr [max 9 cr]. Prereq–Upper div undergrad or grad student in Kin or #) Current issues in the broad field and subfields in kinesiology, or related coursework in areas not normally available through regular offerings.


Kin 5725. Organization and Management of Physical Education and Sport. (3 cr; A-F only. Prereq–Grad/Init lic or #) Comprehensive analysis of organization and management of physical education and sport in educational settings. Focus on management and planning processes, management skills, functions, roles, decision making, leadership, shared systems, and organizational motivation. For physical education teachers, coaches, community sport administrators.

Kin 5726. Physical Education—Teaming and Trekking. (2 cr; A-F only. Prereq–Kin major, MEd student, or #) Development of cooperative and team-building activities; group planning, and leadership skills in preparation for a two-day trip in a state park using practiced outdoor skills and equipment. A great way to experience sport and backpacking. Must be comfortable in water.

Kin 5727. Physical Education—An Adventure Experience. (1 cr; A-F only. Prereq–Kin major, MEd student, or #) Group and individual initiatives in an experientially based program emphasizing participation in leadership, group cooperation, problem solving, low ropes, climbing walls, sensible risk taking, and trust-oriented activities.

Kin 5740. Topics: Coaching of Individual, Dual, or Team Sports. (1-9 cr [max 9 cr]; A-F only. Prereq–PEL) Instruction at the advanced level, including analyses of skills, game strategies, specific techniques of coaching, and methods of training and conditioning.

Kin 5801. Legal Aspects of Sport and Recreation. (4 cr; A-F only. §Rec 3801. Kin or rec major) Legal issues related to recreation, park, and sport programs/facilities in public/private sectors.


Kin 5981. Research Methodology in Kinesiology, Recreation, and Sport. (3 cr; A-F only. §Rec 5981. Prereq–[3151 or equiv] Defines/reviews various types of research in exercise/sport science, physical education, and recreation studies. Qualitative research, field studies, and methods of introspection as alternative research strategies to traditional scientific paradigm.
Kor 5992. Readings in Kinesiology. (1-9 cr [max 9 cr]; A-F only. Prereq-CEHD student, grad. #) Independent study under tutorial guidance.

Kor 5995. Research Problems in Applied Kinesiology. (1-6 cr [max 6 cr]; A-F only. Prereq-Grad student or MEES student in Kor or #) Selected topics in physical activity/human performance.

Korean (Kor)
Department of Asian Languages and Literatures

College of Liberal Arts
Kor 1011. Beginning Korean. (5 cr) Basic grammatical structure, vocabulary, and expressions of modern colloquial Korean. Introduces Korean writing system.

Kor 1012. Beginning Korean. (5 cr. Prereq-1011) Basic grammatical structure, vocabulary, and expressions of modern colloquial Korean.


Kor 3021. Intermediate Korean. (5 cr. Prereq-1012) Speaking, reading, and writing at intermediate level in modern colloquial Korean. Simple narration/ written reports. Common basic Chinese characters may be introduced.


Kor 3650. 20th Century Korean Literature in Translation. (3 cr) Various works of Korean literature from colonial age through 1990s. Literary responses to historical changes. Relationship of literary works with historical issues such as colonial experience, Korean civil war and its results, and modern industrial society.

Kor 3900. Topics in Korean Literature. (1-4 cr [max 12 cr]) Topics specified in Class Schedule.

Kor 3920. Topics in Korean Culture. (1-4 cr [max 12 cr]) Topics specified in Class Schedule.


Kor 4002. Beginning Korean. (3 cr §1012. Prereq-[4001, completed CLA second language requirement or grad student] Basic grammatical structure, vocabulary, and expressions of modern colloquial Korean. Meets with 1012.


Laboratory Medicine and Pathology (LaMP)
Department of Laboratory Medicine and Pathology

Medical School
LaMP 4172. Pathology for Allied Health Students. (3 cr. Prereq-Regis allied health program, anatomy course, physiology course or #) General and organ system pathology.

LaMP 4177. Pathology for Allied Health Students. (3 cr. Prereq-Regis allied health program, anatomy course, physiology course or #) General and organ system pathology.

LaMP 5100. General and Systemic Pathology for Dental Students. (4 cr; A-F only. Prereq-Regis dental student) Causes, courses, mechanisms and outcomes of disease. Required as preparation for clinical dental practice and oral pathology.

LaMP 5125. Chronobiology. (2-6 cr; A-F only) How to interpret biologic time series and how to use them in practice as well as in designing chronobiology experiments. Chronobiologic procedures of data collection and analysis, interpretation of the output in clinical practice.

Landscape Architecture (LA)
Department of Landscape Architecture

College of Architecture and Landscape Architecture
LA 1101W. Introduction to Design Thinking. (4 cr; A-F only) Introduction to theories and processes that underpin design thinking. Survey of the design professions; the power of design; and interactions between humans and their natural, social, and designed environments.

LA 1201. Learning from the Landscape. (3 cr; A-F only) Physical elements shaping the world. Shapes, forms, and order of towns, cities, and countryside. How design, planning, and natural systems, taken together, shape physical surroundings. Lectures, discussions, field trips.

LA 1202. Making the Mississippi. (3 cr; A-F only) Historical overview and case studies of actions that have “made” the Mississippi River and the communities along its banks. Relations between the river and human settlements. What role various members of the public have had in making the river. LA 1301. Introduction to Drawing in Architecture and Landscape Architecture. (3 cr; A-F only) Development of basic skills involved in perceiving and representing the material environment. Study of sketching and drawing conventions of visual phenomena and forms.

LA 1401. The Designed Environment. (3 cr; A-F only) Examination of relationships between place and space, and realms of the ideal and real, public and private. Survey of how the fields of architecture, landscape architecture, and urban design have explored those issues.

LA 3001. Understanding and Creating Landscape Space. (3 cr; A-F only. Prereq-BED major or pre-LA student or #) Introduction to spatial design issues at all scales.

LA 3002. Informants of Creating Landscape Space. (3 cr; A-F only. Prereq-3001, Arch 3401, 3501) Development of the design program. Site analysis of landscape space. Design exercises show how design program and site analysis inform creation of landscape space in developing schematic designs at varying geographic scales and in different geographic settings. Lectures, readings, discussions.

LA 3204. Landscape Ecology. (3 cr; A-F only. Prereq-EEB 3001 or equiv) Relationships among spatial patterns, temporal patterns, and ecological processes in landscape.

LA 3413. Introduction to Landscape Architectural History. (3 cr [max 3 cr] A-F only. Prereq-One course in history at 4000 or higher) Study of landscape architecture’s roots by examining the creation of landscapes over time. Areas of emphasis include ecological and environmental issues; and the political, economic, and social contexts of landscape architectural works.

LA 3501. Environmental Design and Its Biological and Physical Context. (3 cr; A-F only) Consideration of dynamic relationships between environmentally designed places and their biological and physical contexts. Case studies of successfully integrating created place and biological and physical contexts.

LA 3571. Landscape Construction: Site Systems and Engineering. (3 cr; A-F only. Prereq-BED major or BED minor or #) Theory applications of landform systems for design. Landform typology, representation methods, manipulation techniques, use of land survey data, earthwork construction issues. Spatial accommodation of vehicles in landscape architecture, including road design.

LA 5201. Making Landscape Spaces and Types. (6 cr; A-F only. Prereq-BED accelerated status or LA grad or #) Design exploration using 3-D models and historical precedent studies to create outdoor spaces for human habitation and use. Application of the basic landscape palette of landform, plants, and structures to give physical, emotional, cognitive, and social definition to created places.

LA 5202. Landscape Analysis Workshop. (1 cr; S-N only) Introduction to field techniques for site analysis, including vegetation, soil, and landform description. One-week session, before fall term, at lake Itasca Forestry and Biological Station.

LA 5203. Ecological Dimensions of Space Making. (6 cr; A-F only. Prereq-LA major or #; recommended for both BED and Grad students) Design studio experience drawing on ecological, cultural, aesthetic influences to explore development of design ideas responsive to ecological issues and human experience.

LA 5204. Landscape Ecology. (3 cr; A-F only. Prereq-BED accelerated status or LA grad student or #) Relationships among spatial patterns, temporal patterns, ecological processes in landscape. Factors affecting landscape patterns, measurement of landscape pattern, material transport through landscape, effects of landscape pattern on population dynamics, landscape planning.

LA 5301. Introduction to Drawing in Architecture and Landscape Architecture. (3 cr; A-F only §1301. Prereq-LA grad student, accelerated BED student) Perceiving/representing material environment. Sketching/drawing conventions, visual phenomena/ forms.

LA 5311. AutoCAD I. (3 cr; A-F only. Prereq-BED major or LA grad or #; may not be taken for graduate credit) Basic concepts, tools, and techniques of computer-aided drawing. Introduction to current Auto/CAD Release software. Strategies and techniques for producing dimensioned and annotated drawings. Introduction to 3-D drawing capabilities. Use of dimension variables, attributes, blocks, symbols, and creation of customized menus.
Course Descriptions

LA 5352. AutoCAD II. (3 cr; A-F only. Prereq—Arch 5351 or LA 5351. BED major or LA grad or #; may not be taken for graduate credit.) Intermediate concepts, tools, and techniques of computer-aided drawing with current AutoCAD Release Software. Strategies and techniques for producing dimensioned and annotated drawing. Use of dimensioning, attributes, blocks, symbols, and creation of customized menus.

LA 5371. Computer Methods I. (1 cr. Prereq—BED accelerated status or LA grad or #) Introduction to current techniques, programs, and new editions of computer programs, and their application to landscape architecture computing.

LA 5372. Computer Methods II. (1 cr. Prereq—Arch/ LA 5371. EG grad or #) Current techniques and computer programs, and their application to landscape architecture computing.

LA 5373. Computer Methods III. (3 cr. Prereq—Arch/ LA 5372. LA grad or #) Advanced techniques and computer programs, and their application to landscape architecture computing in design, theory, and technology.

LA 5400. Topics in Landscape Architecture. (1-3 cr. [max 12 cr]; A-F only. Prereq—BED accelerated status or LA grad or #) Current topics in landscape architecture. Taught by regular or visiting faculty in their areas of specialization.

LA 5401. Directed Studies in Emerging Areas of Landscape Architecture. (1-6 cr [max 12 cr]; Prereq—#) Independent studies under the direction of landscape architecture faculty.

LA 5402. Directed Studies in Landscape Architecture History and Theory. (1-6 cr [max 12 cr]; A-F only. Prereq—#) Independent studies under the direction of landscape architecture faculty.

LA 5403. Directed Studies in Landscape Architecture Technology. (1-6 cr [max 12 cr]; A-F only. Prereq—#) Independent studies under the direction of landscape architecture faculty.

LA 5404. Directed Studies in Landscape Architecture Design. (1-6 cr [max 12 cr]; A-F only. Prereq—#) Independent studies under the direction of landscape architecture faculty.

LA 5405. Interdisciplinary Studies in Landscape Architecture. (1-6 cr [max 12 cr]; A-F only. Prereq—#) Research, planning, or design projects. Topics vary.

LA 5406. Urban Design Journal. (3-4 cr; A-F only. Prereq—Admitted to Danish International Study Program co-sponsored by the University; given in Denmark) Methods and theories in urban design and human behavior. Students develop journal as tool for experiencing, analyzing, and recording the urban landscape, its fabric, spatial elements, and individual components, and for analyzing design solutions.

LA 5407. Landscape Architecture Studio. (3-4 cr; A-F only. Prereq—Admitted to Danish International Study Program co-sponsored by the University; given in Denmark) Individual and small-group projects focusing on urban issues; design process in Danish conditions; solutions based on knowledge of Danish problems in landscape and urban design and an understanding of how these problems are solved within Danish and European contexts.

LA 5408. Landscape Architecture, Architecture, and Planning. (3-4 cr; A-F only. Prereq—Admitted to Danish International Study Program co-sponsored by the University; given in Denmark.) Methods and theories in urban design and human behavior. Students develop urban design journal as tool for experiencing, analyzing, and recording the urban landscape, its fabric, spatial elements, and individual components, and for analyzing design solutions.

LA 5413. Introduction to Landscape Architectural History. (3 cr [max 3 cr]; A-F only. Prereq—One course in history at 1xxx or higher) Introductory course examines the multiple roots of landscape architecture by examining the making of types of landscapes over time. Emphasis on ecological and environmental issues, and issues related to political, economic, and social contexts of landscape architectural works.

LA 5431. History of Landscape Architecture: Individual Influences. (3 cr; A-F only) Assessment of influences of individuals on formation of the profession of landscape architecture from 1800 to present. Lectures, presentations, field trips, readings, papers, projects.

LA 5571. Landscape Construction: Landform Systems and Spatial Performance. (3 cr; A-F only. Prereq—Accelerated BED student or LA grad student) Theory and professional applications of landform systems for design. Landform typography, representation methods, manipulation techniques, use of land survey data, earthwork construction issues. Spatial accommodation of vehicles in landscape architecture, including road design.

LA 5572. Plants in Design. (3 cr; A-F only. Prereq—[5201, 5203, plant identification course] or #) Design principles for using plants in landscape. Cultural/ecological principles in design projects of various scales. Lectures, presentations, field trips, readings, projects.

LA 5573. Landscape Technology: Introduction to Geographic Information Systems. (3 cr; A-F only. Prereq—r or sr BED major or LA grad or #) GIS as an analytical tool to solve geographical problems of regional landscape design and resource management. Topics include application techniques, analytical procedures, data characteristics, data sources, input/output methods, and implementation.

LA 5574. Identification of Minnesota Flora. (3 cr; A-F only. Prereq—BED accelerated status or LA grad student or #) Identification of approximately 500 plants commonly used by landscape architects and environmental designers in Minnesota. Students develop a working knowledge of over 250 plants. Foci on plant selection techniques, plant landscape associations, and issues of plants for use in standard landscape architectural settings. Regular field sessions.


LA 5721. Proseminar in Metropolitan Design. (3 cr; A-F only. Prereq—[Arch 5711 or equiv], enrollment in CMD prog or #) Reading seminar. Evolution of the contemporary city. Dynamics that created contemporary urban spatial patterns. Planning/design theories that have guided public interventions in the built environment. Thematic texts, classroom discussions.

LA 5790. Special Topics in Metropolitan Design. (3 cr [max 6 cr]; A-F only. Prereq—Enrollment in CMD prog or #) Study of a special area of landscape architecture.

Language, Teaching, and Technology (LgTT)

Institute of Linguistics, ESL, and Slavic Languages and Literatures

College of Liberal Arts

LgTt 5101. Applications of Technology in Language Teaching. (3 cr) Explore uses of technology in language teaching; theoretical background, demonstrations, and applications.

LgTt 5110. Technology in the Second Language Classroom. (2 cr. §5611) Examine, evaluate, and use technology in language teaching. Theoretical background, demonstration, hands-on exploration.

LgTt 5611. Technology in Second Language Instruction. (3 cr. Prereq—SLC post bac or #) Using audio, video, and computer technology in second language teaching/learning in classroom, independent study, and distance education environments.

Latin (Lat)

Department of Classical and Near Eastern Studies

College of Liberal Arts

Lat 1001. Beginning Latin I. (S cr) Gradual mastery of Latin structure in order to attain reading knowledge; practice in oral reading and composition.

Lat 1002. Beginning Latin II. (5 cr. Prereq—1001 or equiv) Continuing work on Latin grammar and syntax; graduated readings from Roman authors including Cicero, Catullus, and Roman comedy.

Lat 1102. Beginning Latin II, Transition. (3.33 cr; A-F only) Continuation of basic grammar/vocabulary, practice reading/writing. Latin readings, Roman legends.

Lat 1103. Selections from Latin Literature, Transition. (3.33 cr; A-F only) Selections from all Latin literature, focusing on language and composition.

Lat 1111H. Honors Course: Beginning Latin. (3 cr. Prereq—1111; regis in honors program or high ability as indicated by high school transcript) Intensive Latin course covering material usually taught over two semesters. Students must also register for 1112 when taking this class.

Lat 1112H. Honors Course: Beginning Latin, Recitation. (3 cr. Prereq—1111, regis in honors program or high ability as indicated by high school transcript) Drills and composition exercises. Students must also register for 1112 when taking this class.

Lat 3100. Reading Latin Prose. (3 cr. Prereq—1002 or 1111 or 1112 or 3111 or 3112 or #) Introduction to reading Latin prose. Selections from Roman authors. Review of grammar/syntax. Follow-up course to intensive Latin or review for students returning to reading Latin after time lapse.

Lat 3111. Intensive Latin. (3 cr. §1001-1002, §1111. Prereq—§3112, previous exper in another foreign language desirable) Intensive Latin course covering material usually taught over two semesters. Undergraduates must also register for 3112 when taking this class.

Lat 3112. Intensive Latin, Recitation. (3 cr. §1001-1002, §1112. Prereq—§3111, previous exper in another foreign language desirable) Drills and composition exercises. Students must also register for 3111 when taking this course.