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231 Course Listings

Anthropology, ANTHR
Department of Anthropology
Faculty of Arts

Undergraduate Courses

ANTHR 433 Reading Ethnographic Writing
*3 (fi 6) (either term, 0-3s-0). An exploration of the theory and practice of 'writing culture' through consideration of classic and contemporary ethnographic monographs, together with recent contributions to contemporary cultural theory. Prerequisites: ANTHR 207 or 208 and a 300- or 400-level ANTHR course, or consent of Department. Offered in alternate years.

ANTHR 479 Geoarchaeology
*3 (fi 6) (either term, 3-0-3). Application of earth science methods to archaeological research. Prerequisites: EAS 101 or 201 and ANTHR 206, or consent of Department. Offered in alternate years.

ANTHR 482 Topics in Linguistic Anthropology
*3 (fi 6) (either term, 0-3s-0). Consult the Department for the specific topics offered and any recommended courses to be completed prior to registering.

Graduate Courses

ANTHR 582 Advanced Topics in Linguistic Anthropology
*3 (fi 6) (either term, 0-3s-0). Consult the Department and/or the University timetable for the specific topics offered.

Art, ART
Department of Art and Design
Faculty of Arts

Undergraduate Courses

ART 365 Sculpture: Introductory Studies III
*3 (fi 6) (first term, 0-6L-0). Further foundation studies in sculpture. Pre or corequisites: ART 361 and 362 and consent of the Department. Note: Not open to students with credit in ART 363 (*6).

ART 366 Sculpture: Introductory Studies IV
*3 (fi 6) (second term, 0-6L-0). Further foundation studies in sculpture. Pre or corequisites: ART 361 and 362 and consent of the Department. Note: Not open to students with credit in ART 363 (*6).

Art History, ART H
Department of Art and Design
Faculty of Arts

Undergraduate Courses

ART H 207 Survey of Early Canadian Art
*3 (fi 6) (either term, 3-0-0). History of the visual arts from the 17th century to the end of the 19th century in Canada.

ART H 405 Topics in Art from the 18th and the First Half of the 19th Century
*3 (fi 6) (either term, 0-3s-0). Prerequisite: consent of Instructor. Note: Students are required to have successfully completed one 300-level ART H course with a minimum grade of B.

ART H 430 Topics in Museum Studies in Visual and Material Culture
*3 (fi 6) (either term, 0-3s-0). Theoretical and practical aspects of museology. Prerequisite: consent of Department.

ART H 457 Topics in 20th Century and Contemporary Canadian Art
*3 (fi 6) (either term, 0-3s-0). Prerequisite: consent of Instructor. Note: Students are required to have successfully completed one 300-level ART H course with a minimum grade of B.

Graduate Courses

ART H 505 Advanced Studies in Art from the First Half of the 19th Century
*3 (fi 6) (either term, 0-3s-0). Prerequisite: consent of Department.

ART H 530 Advanced Studies in Theories of Museology
*3 (fi 6) (either term, 0-3s-0). Prerequisite: consent of Department. Not open to students with credit in ART H 560.

ART H 557 Advanced Studies in 20th Century and Contemporary Canadian Art
*3 (fi 6) (either term, 0-3s-0). Prerequisite: consent of Department.

Biology, BIOL
Department of Biological Sciences
Faculty of Science

Graduate Courses

BIOL 508 Current Problems in Systematics and Evolution
*3 (fi 6) (either term, 0-3-0). Lectures or structured discussions on a selected topic in systematics and evolutionary biology. Credit may be obtained more than once. Prerequisite: consent of instructors for students not registered in the Systematic and Evolution program.

BIOL 620 Tutorial in Research and Communication
*3 (fi 6) (either term, 1-3s-0). Designed for first-year graduate students in the Department of Biological Sciences emphasizing the application of scientific methodology and good scientific communication. Includes a series of workshops and activities to develop skills useful to graduate students in all areas of biology.

BIOL 632 Current Problems in Environmental Biology and Ecology
*3 (fi 6) (either term, 0-3s-0). Students in this course attend BIOL 631 seminars, read related papers, and evaluate related concepts through discussions and written assignments. Prerequisite: consent of the instructors for students not registered in the ecology and environmental biology program. Credit for this course may be obtained more than once.

Botany, BOT
Department of Biological Sciences
Faculty of Science

Undergraduate Courses

BOT 431 Physiological Ecology
*3 (fi 6) (first term, 3-0-3). Application of ecophysiological theory and practice of the study of plant responses to increasing carbon dioxide levels and increased irradiance of ultraviolet-B light. Experimental work includes demonstrations and individual projects making use of the phytotron facility. Seminars involve the discussion of significant research papers in the discipline. Prerequisites: A 200-level course in Plant Physiology and a senior course in Ecology. Offered in odd-numbered years.

Classics, CLASS
Department of History and Classics
Faculty of Arts

Undergraduate Courses

CLASS 461 Topics in Roman Imperial History
*3 (fi 6) (either term, 0-3s-0). Prerequisite: CLASS 282 or 283 or consent of Department.
Courses to be Deleted

Education - Adult, EDAE
Department of Educational Policy Studies
Faculty of Education

Undergraduate Courses
EDAE 496 Individual Directed Study
*3 (fi 6) (either term, 3-0-0). Prerequisite: consent of Department.

EDAE 498 Individual Directed Laboratory Study
*3 (fi 6) (either term, 0-6L-0). Prerequisite: consent of Department.

Education - Elementary, EDEL
Department of Elementary Education
Faculty of Education

Graduate Courses
EDEL 525 Trends and Issues in Classroom Practice
*3 (fi 6) (either term, 3-0-0). Focuses on elements of teaching and learning in relation to actual needs, problems, issues of elementary school, classroom practices as identified by participants. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students.

Education - Elementary and Secondary, EDES
Department of Elementary and Secondary Education
Faculty of Education

Graduate Courses
EDES 547 Organization of School Library Materials
*3 (fi 6) (either term, 3-0-0). Focuses on the principles and practices of organizing print and non-print resources generally acquired by school libraries. The primary goal is to familiarize students with current operations and techniques associated with the organization for access, physical processing and maintenance of collections of learning resources. Focuses on the professional tasks of cataloging and classifying information.

Education - Policy Studies, EDPS
Department of Educational Policy Studies
Faculty of Education

Graduate Courses
EDPS 510 Education from an Anthropological Perspective
*3 (fi 6) (either term, 3-0-0). Students may not receive credit for both EDFN 510 and EDPS 510.

EDPS 557 Epistemology and Education
*3 (fi 6) (either term, 3-0-0). Students may not receive credit for both EDFN 557 and EDPS 557.

English, ENGL
Department of English and Film Studies
Faculty of Arts

Undergraduate Courses
ENGL 445 Studies in Restoration and 18th-Century Prose
*3 (fi 6) (either term, 3-0-0). Prerequisites: Please refer to Note (4) at the beginning of this listing.

Graduate Courses
ENGL 577 The English Language
*3 (fi 6) (either term, 3-0-0).

ENGL 611 Old English Texts
*3 (fi 6) (either term, 3-0-0).

Entomology, ENT
Department of Biological Sciences
Faculty of Science

Graduate Courses
ENT 521 Arthropod Physiology
*3 (fi 6) (first term, 3-0-0). Lectures and discussions of assigned readings in arthropod physiology. The topics will change from year to year, and the course may be taken for credit more than once. Prerequisite: Consent of Department.

Environmental and Conservation Sciences, ENCS
Departments of Agricultural, Food and Nutritional Science, Renewable Resources and Resource Economics and Environmental Sociology
Faculty of Agricultural, Life and Environmental Sciences

Undergraduate Courses
ENCS 355 Ecological Risk Assessment
*3 (fi 6) (second term, 0-3s-0). Principles, concepts, processes and strategies for the assessment of adverse ecological effects that may occur as a result of exposure to physical, chemical or biological stresses that can induce change in organisms. Topics include procedures for conducting ecological risk assessments, their integration with human health risk assessment, and current frameworks employed in Canada and elsewhere. [Resource Economics and Environmental Sociology].

Français, FRANC
Faculté Saint-Jean

Cours de 1er cycle

FRANC 284 Laboratoire d’écriture I
*3 (l’un ou l’autre semestre, 0-4L-0). Cours individuel sur les procédés de l’écriture littéraire. Préalable(s): l’approbation du professeur après entrevue.

FRANC 384 Laboratoire d’écriture II
*3 (l’un ou l’autre semestre, 0-4L-0). Cours individuel sur les procédés de l’écriture littéraire. Préalable(s): FRANC 284.

FRANC 395 Littératures et Civilisations francophones
*3 (l’un ou l’autre semestre, 3-0-0). Panorama d’ensemble d’une ou de plusieurs littératures maghrébine, africaine, antillaise, ou des les de l’Océan Indien.

French Language and Literature, FREN
Department of Modern Languages and Cultural Studies
Faculty of Arts

Undergraduate Courses
FREN 155 French Reading Comprehension I
*3 (fi 6) (either term, 3-0-0). A basic course in French grammar and literature designed to develop skills in reading French. Language of instruction is English. Prerequisite: French 30 or equivalent. Not to be taken by students with credit in FREN 150, 211 or 212. Note: Will not meet the requirements in a principal area of concentration.

FREN 156 French Reading Comprehension II
*3 (fi 6) (either term, 3-0-0). An intermediate course in French grammar and literature. Language of instruction is English. Prerequisite: FREN 155 or consent of Department. Not to be taken by students with credit in FREN 150, 211 or 212. Note: Will not meet the requirements in a principal area of concentration.

FREN 346 Women Writing in French
*3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.
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Note from University Governance:

- HIST 350 Comparative American and Canadian History
- HIST 341 Land and Labor in Latin America
- HIST 354 American Economic History
- HIST 363 History of Canadian External Relations
- HIST 364 History of Social Welfare in Canada
- HIST 402 Women in Modern European History
- HIST 423 Topics in 16th-Century British History
- HIST 437 Topics in British Social History Since 1714
- HIST 469 Topics in the Political and Constitutional History of Canada
- HIST 640 Rural Society in Medieval England
- HIST 642 Gender and the Creation of Modern Industrial Society: Britain c. 1600-1900
- HIST 644 Reformation to Revolution: Topics in Intellectual History in Early Modern England
- HECOL 200 Introduction to Community Studies
- HECOL 478 Textile Conservation Theory and Practice
- INT D 444 Ukraine

Interdisciplinary Undergraduate and Graduate Courses, INT D
University of Alberta
Faculty of Arts Courses
Courses to be Deleted

Faculty of Arts
Department of Modern Languages and Cultural Studies

MUSIC 534 Hymnody and Service Playing II
*3 (fi 6) (either term, 3-0-0). Prerequisite: MUSIC 533 or consent of Department. Not available to students with credit in MUSIC 406.

Graduate Courses

Polish, POLISH
Department of Modern Languages and Cultural Studies
Faculty of Arts

Undergraduate Courses

POLISH 414 Polish Literature of Renaissance, Baroque, and Classicism
*3 (fi 6) (either term, 3-0-0). Survey of Polish literature and culture from its origins to the end of the eighteenth century. Masterpieces of the Polish renaissance, baroque, and classicism read in the original and/or with the aid of English translations. Prerequisite: POLISH 212 or consent of Department. Not open to students with credit in POLISH 411.

POLISH 415 Polish Romanticism and Realism
*3 (fi 6) (either term, 3-0-0). Reading and analysis of the major Polish writers against the aesthetic and philosophical background of romanticism and realism (including poetry, drama, and folklore). Major themes in the Polish realist novel and short story. Prerequisite: POLISH 212 or consent of Department. Note: Not open to students with credit in POLISH 411.

Psychology, PSYCO
Department of Psychology
Faculty of Arts

Undergraduate Courses

PSYCO 450 Topics in Memory and Problem Solving
*3 (fi 6) (either term, 3-0-0). Examines theoretical and empirical issues in human memory and problem solving. Topics include memory representations, real-world memory, memory-based decision making, expert-novice differences in memory and problem solving. Prerequisite: PSYCO 350. [Faculty of Arts]

Renewable Resources, REN R
Department of Renewable Resources
Faculty of Agricultural, Life and Environmental Sciences

Undergraduate Courses

REN R 410 Principles of Remote Sensing
*3 (fi 6) (first term, 3-0-3). Basic principles of spectral reflectance and emittance, and atmospheric effects as they apply to the acquisition and analysis of imagery; digital image analysis for geographical information systems; application to renewable resource inventory and management and environmental impact assessment. Prerequisite: A 300-level course in at least one of the natural sciences.

REN R 439 Forest Management Planning
*3 (fi 6) (second term, 0-3s-0). Seminar presentations and discussions by students of contemporary forest management planning. Prerequisite: REN R 430.

Graduate Courses

REN R 510 Advanced Remote Sensing
*3 (fi 6) (second term, 3-0-3). A quantitative approach to remote sensing for land resource studies; specialized techniques for hard copy and digital image analyses; remote sensing and soil-vegetation-landscape models; literature review and laboratory project on a selected problem. Prerequisite: REN R 410.

Rural Sociology, R SOC
Undergraduate Courses

R SOC 310 Women in Development
*3 (fi 6) (first term, 3-0-0). This course deals with development issues, such as work, health, environment, and human rights among women in developing countries. Prerequisite: consent of Department. Not available to students with credit in WST 310.

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**Russian, RUSS**
Department of Modern Languages and Cultural Studies
Faculty of Arts

**Graduate Courses**

**RUSS 641 Studies in Russian Poetry**
*3 (fi 6) (either term, 3-0-0).

**RUSS 643 Studies in Russian Realism**
*3 (fi 6) (either term, 3-0-0).

**RUSS 645 Studies in Soviet Russian Literature**
*3 (fi 6) (either term, 3-0-0).

**RUSS 647 Aspects of Modernism in Russian Literature**
*3 (fi 6) (either term, 3-0-0). This course is designed to deal with the various aspects of the literary movements generally known as Symbolism and Decadence.

**Sociology, SOC**
Department of Sociology
Faculty of Arts

**Undergraduate Courses**

**SOC 353 Urban Sociology**
*3 (fi 6) (either term, 3-0-0). Social implications of urban life with respect to such topics as patterns of city growth; urban social organization (family, neighbourhood, community); urban social issues (housing, crime); urban policy and urban planning (sociology of planning, citizen participation). Prerequisite: One of SOC 100 or 300.

**SOC 437 The Sociology of Knowledge**
*3 (fi 6) (either term, 3-0-0). Study of the hypothesis that the forms of social life condition knowledge. Analysis of the versions of this thesis offered by such scholars as: Vico, Marx-Engels, Nietzsche, Scheler, Pareto, Durkheim, Mannheim, and more recent writers. Assessment of their proposed solutions to the social limitations imposed on knowing. Prerequisite: One of SOC 231, 332, 333, 367 or equivalent.

**SOC 440 Theories in Social Psychology**
*3 (fi 6) (either term, 3-0-0). Current theories and related research in social psychology. Prerequisite: SOC 241 or PSYCO 241 or consent of instructor.

**SOC 480 Selected Topics in Globalization**
*3 (fi 6) (either term, 0-3s-0). Topics may vary. Consult department prior to registration. Prerequisite: SOC 369 or consent of Instructor.

**Graduate Courses**

**SOC 545 Biologically Coordinated Sociology**
*3 (fi 6) (either term, 0-3s-0).

**SOC 609 Multivariate Analysis**
*3 (fi 6) (first term, 3-0-0). Prerequisites: SOC 509 and 515 or 410 and 417 or equivalent. Note: Formerly SOC 510. Not to be taken by students with credit in SOC 511 or 510.

**SOC 630 Psychoanalytic Social Theory**
*3 (fi 6) (either term, 0-3s-0).

**Zoology, ZOOL**
Department of Biological Sciences
Faculty of Science

**Undergraduate Courses**

**ZOOL 474 Research in Animal Behavior**
*3 (fi 6) (second term, 0-3s-3). Students conduct individual research in animal behavior. Weekly scheduled meetings deal with experimental design, paper critiques, and preparation and presentation of oral and written research reports. Research is conducted outside of scheduled class time. Students intending on taking this course should consult the instructor in the Fall term to discuss their proposed research. Prerequisite: ZOOL 370 or 371.

**Graduate Courses**

**STAT 554 Topics in Actuarial Science**
*3 (fi 6) (either term, 3-0-0). Topics in actuarial mathematics, as selected by the instructor. Prerequisite: STAT 353 or MATH 353. This course may be offered in alternate years.