

ENGL 100 Literature in English, Beginnings to the Present

★6 (fi 12) (full session, 3-0-0). A close study of historically representative works which demonstrate the development, enlargement, and experimentalism of literature in English, with a minimum 20% of class time devoted to writing instruction. Not to be taken by students with credit in former ENGL 100 or 101 or 110 or 104/105.

ENGL 101 Critical Reading and Writing

★6 (fi 12) (full session, 3-0-0). A critical study of literature in English, concentrating on works written since 1800, with a minimum 30% of class time devoted to writing instruction. Note: Not to be taken by students with credit in ENGL 100 or 110 or in 104/105.

ENGL 104 Readings in Poetry

★3 (fi 6) (either term, 3-0-0). A close study of selected modern and traditional verse to introduce the student to ways of approaching and critically evaluating poetry. Note: Not for degree credit to students enrolled in the BA degree program (AR20).

ENGL 105 Readings in Prose

★3 (fi 6) (either term, 3-0-0). A close study of novels, short stories, essays, and other forms, both modern and traditional, to introduce the student to ways of approaching prose, and to assist the student in reading critically. Note: Not for degree credit to students enrolled in the BA degree program (AR20).

ENGL 108 Introduction to Language and Literature

★3 (fi 6) (first term, 3-0-0). This course combines formal instruction in writing with a study of the essay and the short story. One-half of class time will be devoted to writing instruction. This course may be followed only by ENGL 109. Note: Not to be taken by students in Arts and Education. This course will be offered by arrangement with client Faculties.

ENGL 109 Continuing Study of Language and Literature

★3 (fi 6) (second term, 3-0-0). A study of poetry, drama and the novel, combined with instruction designed to refine the student's writing style and rhetorical skills. One-third of class time will be devoted to writing instruction. Prerequisite: ENGL 108. Note: Not to be taken by students in Arts and Education. This course will be offered by arrangement with client Faculties.

ENGL 199 Essentials of Writing for Engineering Students

□3.0 (fi 6) (either term, 3-0-0). This course is designed to develop the student's ability to write the narrative, descriptive, expository, and persuasive prose fundamental to all written communication. Instruction and practice will be integrated with the study of prose models drawn from modern essayists. A review of basic grammar will be included. Note: Restricted to students in the Faculty of Engineering only. (★3)

ENGL 201 Literature in English, Beginnings to 1800

★6 (fi 12) (full session, 3-0-0). A close study of representative works which demonstrate the development of the English literary tradition to 1800. Prerequisite: ENGL 101. Not to be taken by students with credit in ENGL 100.

ENGL 204 Traditions in English Poetry

★6 (fi 12) (full session, 3-0-0). The traditions, forms, and techniques of English poetry.

ENGL 206 The Short Story

★3 (fi 6) (either term, 3-0-0). Representative works of writers illustrating the tradition of the short story in English.

ENGL 212 Introduction to the English Language

★3 (fi 6) (either term, 3-0-0). This course introduces the grammar of English sounds, words, and sentences as a basis for further studies in language and literature. Note: Not to be taken by students with credit in former ENGL 288 or 313, or in LING 101 or 203.

ENGL 216 Literary Theory

★6 (fi 12) (full session, 3-0-0). An introduction to a variety of primarily 20th-century theoretical practices in the context of their history and development, with the aim of enhancing an understanding of literature and literary culture. Note: Not to be taken by students with credit in ENGL 315, 316, 317, 510, or 520.

ENGL 239 Shakespeare

★3 (fi 6) (either term, 3-0-0). A reading of nine plays, representing the range of Shakespeare's work, the plays to include *Midsummer Night's Dream*, *King Henry the Fourth, Part I*, *As You Like It*, *Julius Caesar*, *Hamlet*, *Othello*, *The Tempest*. Note: Not to be taken by students with credit in ENGL 338.

ENGL 271 Canadian Literature: Major Writers and Movements

★6 (fi 12) (full session, 3-0-0). A study of the growth of English-Canadian literature in its cultural context from the colonial period to the present, with an emphasis on major writers and movements. Note: Not open to students with credit in ENGL 371, Canadian Literature to 1925, or ENGL 372 Canadian Literature from 1925.

ENGL 281 Post-Colonial Literature

★6 (fi 12) (full session, 3-0-0). Representative works of writers from various areas of the Commonwealth. Note: Not to be taken by students with credit in former ENGL 380.

ENGL 283 An Introduction to the Literature of Popular Culture in English

★3 (fi 6) (either term, 3-0-0). A study of the varieties of literature, written and spoken, of popular culture in English.

ENGL 287 Children's Literature in English

★6 (fi 12) (full session, 3-0-0). An historical and critical study of children's literature in English. It includes books written especially for children and books annexed from English literature by children.

ENGL 299 Essay Writing for Education Students

★3 (fi 6) (either term, 3-0-0). This course, designed to increase the student's ability to write effective essays, will emphasize the study of grammar, punctuation, and sentence and paragraph structure. The study of models of prose style will be integrated with frequent practice in writing. ENGL 299 is not a remedial course. Note: Restricted to students in the Faculty of Education; not to be taken by students with credit in ENGL 298.

ENGL 305 The English Novel

★6 (fi 12) (full session, 3-0-0). Representative novels by Defoe, Richardson, Fielding, Smollett, Sterne, Austen, Scott, Dickens, Thackeray, Brontë, Hardy, and others.

ENGL 310 Introduction to Bibliography and Methods of Research

★3 (fi 6) (either term, 3-0-0). An examination of the development of printing, textual problems, library organization, bibliography compilation, and manuscript styles and methods.

ENGL 311 History of the Language

★3 (fi 6) (either term, 3-0-0). An analysis of the historical development of the English language, with some study in the prose tradition.

ENGL 320 Old English Language and Literature

★6 (fi 12) (full session, 3-0-0). An introduction to the language and literature of Anglo-Saxon England.

ENGL 321 The Earlier Middle Ages

★3 (fi 6) (either term, 3-0-0). The literature of England from its beginnings to the end of the 13th century.

ENGL 322 The Later Middle Ages

★3 (fi 6) (either term, 3-0-0). The literature of 14th- and 15th-century England, including Chaucer.

ENGL 324 Chaucer

★6 (fi 12) (full session, 3-0-0). Major works of Chaucer and of selected poets of the 15th century.

ENGL 327 Medieval and Tudor Drama

★3 (fi 6) (either term, 3-0-0). English drama to the death of Marlowe.

ENGL 330 The Short Poem in the Renaissance

★3 (fi 6) (either term, 3-0-0). This course will include a study of lyrics and the sonnet.

ENGL 331 The Romance Tradition in Renaissance Literature

★3 (fi 6) (either term, 3-0-0). To include *Utopia*, *Arcadia*, and *The Faerie Queene*.

ENGL 337 Elizabethan and Jacobean Drama

★3 (fi 6) (either term, 3-0-0). English drama from 1590 to 1642.

ENGL 338 Shakespeare

★6 (fi 12) (full session, 3-0-0). A study of representative plays. Note: Not to be taken by students with credit in ENGL 239 or 339.

ENGL 339 Further Studies in Shakespeare

★3 (fi 6) (either term, 3-0-0). Prerequisite: ENGL 239 or consent of Department. Note: Not to be taken by students with credit in ENGL 338.

ENGL 340 Milton and the 17th Century

★6 (fi 12) (full session, 3-0-0). Note: Not to be taken by students with credit in ENGL 344.

ENGL 341 The Augustan Age

★3 (fi 6) (either term, 3-0-0). Representative works by writers from the Restoration and early 18th-century.

ENGL 343 The Age of Sensibility

★3 (fi 6) (either term, 3-0-0). Works of representative writers of the later 18th-century, including the precursors of Romanticism.

ENGL 344 Milton

★3 (fi 6) (either term, 3-0-0). A study of representative poems. Note: Not to be taken by students with credit in ENGL 340.

ENGL 345 English Prose 1660–1800

★3 (fi 6) (either term, 3-0-0). Representative non-fiction works by various men and women writers, including letters, essays, historiography, science and philosophy, biography and autobiography, and political controversy.

ENGL 346 Jonson, Donne, and their Successors

★3 (fi 6) (either term, 3-0-0). Formerly ENGL 332.

ENGL 347 Restoration and 18th-Century Drama

★3 (*fi 6*) (either term, 3-0-0). English drama from 1660 to 1780. Note: Not to be taken by students with credit in former ENGL 355, Drama from the Restoration to 1870.

ENGL 350 British Romantic Poetry

★3 (*fi 6*) (either term, 3-0-0). Representative poems of the Romantic period. Note: Not to be taken by students with credit in ENGL 351.

ENGL 351 Poetry and Prose of the Romantic Period

★6 (*fi 12*) (full session, 3-0-0). Readings in representative Romantic texts. Note: Not to be taken by students with credit in ENGL 350.

ENGL 352 The Earlier Victorian Age

★6 (*fi 12*) (full session, 3-0-0). Representative works of the earlier Victorians.

ENGL 353 The Later Victorian Age

★3 (*fi 6*) (either term, 3-0-0). Representative works of the later Victorians.

ENGL 357 19th-Century Drama

★3 (*fi 6*) (either term, 3-0-0). Drama in English from Romanticism to Naturalism. Note: Not to be taken by students with credit in former ENGL 355, Drama from the Restoration to 1870.

ENGL 358 American Literature to 1900

★6 (*fi 12*) (full session, 3-0-0). A selection of representative major writers. Emphasis on the writers of the 'American Renaissance,' especially Poe, Hawthorne, Emerson, Thoreau, Melville, Whitman, Mark Twain, and Henry James. Note: Not to be taken by students with credit in former ENGL 358 or ENGL 359.

ENGL 359 American Fiction to 1900

★3 (*fi 6*) (either term, 3-0-0). Representative works. Note: Not to be taken by students with credit in ENGL 358.

ENGL 360 Twentieth-Century American Literature

★6 (*fi 12*) (full session, 3-0-0). A selection of representative major writers. Note: Not to be taken by students with credit in ENGL 361 or 363.

ENGL 361 American Literature from 1900–1945

★3 (*fi 6*) (either term, 3-0-0). Representative works of 20th-century American writers to mid-century. Note: Not to be taken by students with credit in ENGL 360.

ENGL 362 American Literature from 1945

★3 (*fi 6*) (either term, 3-0-0). Representative works of 20th-century American writers from mid-century to the present. Note: Not to be taken by students with credit in ENGL 360.

ENGL 363 Early 20th-Century Poetry

★3 (*fi 6*) (either term, 3-0-0). Representative works of British and American poets to mid-century. Note: Not to be taken by students with credit in ENGL 360 or 370.

ENGL 364 Later 20th-Century Poetry

★3 (*fi 6*) (either term, 3-0-0). Representative works of British and American poetry from mid-century to the present.

ENGL 365 Early 20th-Century British Novel

★3 (*fi 6*) (either term, 3-0-0). Representative works of 20th-Century British novelists to mid-century. Note: Not to be taken by students with credit in ENGL 370.

ENGL 366 British Literature from 1945

★3 (*fi 6*) (either term, 3-0-0). Representative works of 20th-century British writers from mid-century to the present.

ENGL 368 Early 20th-Century Drama

★3 (*fi 6*) (either term, 3-0-0). Selected British and American plays, from Naturalism to the Theatre of the Absurd. Note: Not to be taken by students with credit in ENGL 367.

ENGL 369 Later 20th-Century Drama

★3 (*fi 6*) (either term, 3-0-0). Selected plays of British and American dramatists from mid-century to the present. Formerly ENGL 468.

ENGL 370 The Age of Modernism

★6 (*fi 12*) (full session, 3-0-0). Note: Not to be taken by students with credit in ENGL 363 or 365. Formerly ENGL 369.

ENGL 371 Canadian Literature to 1925

★6 (*fi 12*) (full session, 3-0-0). A critical and historical study of the literature of English-speaking Canada to 1925. Not to be taken by students with credit in former ENGL 384, in ENGL 373, 375, or in *both* former ENGL 386 and 387.

ENGL 372 Canadian Literature from 1925

★6 (*fi 12*) (full session, 3-0-0). A critical and historical study of the literature of English-speaking Canada from 1925 to the present. Not to be taken by students with credit in former ENGL 384, in ENGL 374, 376, or in *both* former ENGL 386 and 387.

ENGL 373 Canadian Poetry to 1925

★3 (*fi 6*) (either term, 3-0-0). A critical and historical study of representative

Canadian poetry in English from colonial times to 1925. Not to be taken by students with credit in ENGL 371, or former ENGL 384, or former ENGL 387.

ENGL 374 Canadian Literature 1925–1960

★3 (*fi 6*) (either term, 3-0-0). A critical and historical study of representative Canadian writing in English from 1925 to the present. Not to be taken by students with credit in ENGL 372, or former ENGL 384, or former ENGL 387.

ENGL 375 Canadian Prose to 1925

★3 (*fi 6*) (either term, 3-0-0). A critical and historical study of representative Canadian non-dramatic prose in English from colonial times to 1925. Not to be taken by students with credit in ENGL 371, or former ENGL 384, or former ENGL 386.

ENGL 376 Canadian Literature from 1960

★3 (*fi 6*) (either term, 3-0-0). A critical and historical study of representative Canadian writing in English from 1960. Not to be taken by students with credit in ENGL 372, or former ENGL 384, or former ENGL 386.

ENGL 377 Modern Canadian Drama

★3 (*fi 6*) (either term, 3-0-0). Selected plays by dramatists of English-speaking Canada.

ENGL 381 Post-Colonial Literature: National Literatures

★3 (*fi 6*) (either term, 3-0-0). Note: Not to be taken by students with credit in former ENGL 480.

ENGL 383 History of the Literature of Popular Culture in English

★3 (*fi 6*) (either term, 3-0-0). An historical survey of representative works in the literature, written and spoken, of popular culture in English.

ENGL 385 The King James Bible in English Literature

★6 (*fi 12*) (full session, 3-0-0). A literary study of selections from the Hebrew Bible (Old Testament) and New Testament of the King James Bible, and of the influence of the King James Bible in English literature.

ENGL 388 Folklore in Children's Literature in English

★3 (*fi 6*) (either term, 3-0-0). An examination of the related fields of folklore and fantasy in children's literature in English. It deals with those elements of folklore, mythology and legend that have become a traditional part of children's literature and also includes certain modern adaptations and fantasies which have their origins in myth and folklore.

ENGL 389 Classics of Children's Literature in English

★3 (*fi 6*) (either term, 3-0-0). A representative sampling of classics of children's literature in English. As an historical survey it will examine prevailing and changing attitudes towards children to provide a critical assessment of the ways in which various authors have succeeded in understanding and pleasing a particular audience.

ENGL 390 Writing by Women I

★6 (*fi 12*) (full session, 3-0-0). A survey of women's writing in English from the earliest period to the mid-19th century. Note: Not to be taken by students with credit in former ENGL 390/395 *Women's Literary Tradition*.

ENGL 391 Writing by Women II

★6 (*fi 12*) (full session, 3-0-0). A survey of women's writing in English from the mid-19th century to the present. Note: Not to be taken by students with credit in former ENGL 390/395 *Women's Literary Tradition*.

ENGL 401 Studies in Authors

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 402 Studies in Genres

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 403 Studies in Literary Themes

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 404 Studies in Literary History

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 417 Literary Theory: Studies in Rhetorical Modes

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 420 Studies in Old English Literature and Language

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: ENGL 320, or consent of Department. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 423 Studies in Middle English Literature

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 434 Studies in 16th- and Early 17th-Century Poetry

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 435 Studies in 16th- and Early 17th-Century Prose

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 437 Studies in Renaissance Drama

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 444 Studies in Restoration and 18th-Century Poetry

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 445 Studies in Restoration and 18th-Century Prose

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 450 Studies in Romantic Prose

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 452 Victorian Poetry: Tennyson, Browning, and Arnold

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 455 Studies in 19th- and/or 20th-Century Prose

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 456 Dickens

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 460 Studies in American Authors

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 461 Studies in American Literary Movements

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 462 Currents of Thought in American Prose

★3 (*fi 6*) (either term, 3-0-0). Representative works of American writers from Colonial times to the present, illustrating the intellectual milieu. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 464 Studies in 20th-Century British Literary Movements

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 465 National Literary Movements of the British Isles, Excluding England

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 474 Studies in Canadian Poetry

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: ★6 in Canadian Literature or consent of Department. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 475 Studies in Canadian Prose

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: ★6 in Canadian Literature, or consent of Department. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 478 Regional Literature of Canada: Prairie Literature

★3 (*fi 6*) (either term, 3-0-0). Literature of the prairie provinces, to be examined primarily as a body of related texts with a place in national and international literary developments, but also in relation to the geographical, historical, and cultural distinctiveness of the region and to changing conceptions of regionalism in Canadian literature. Prerequisite: ★6 in Canadian literature; or consent of Department. Note: Not open to students with credit in former ENGL 470, Regional Literature of Canada dealing with the prairie provinces. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 479 Regional Literature of Canada: Other Regions

★3 (*fi 6*) (either term, 3-0-0). Representative works of writers of English-speaking Canada, excluding the prairie provinces. Note: Not open to students with credit in former ENGL 470, Regional Literature of Canada dealing with the non-prairie provinces. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 481 Post-Colonial Literature: Comparative Studies

★3 (*fi 6*) (either term, 3-0-0).

ENGL 483 Studies in the Literature of Popular Culture in English

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 484 Studies in Literature and Film

★3 (*fi 6*) (either term, 3-0-0). A cross-disciplinary study of selected literary and film texts in English. Note: Please refer to Note (4) at the beginning of this listing.

ENGL 485 Biblical Topics in English Literature

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 490 Women's Genres

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 491 Women's Modernism

★3 (*fi 6*) (either term, 3-0-0). Note: Please refer to Note (4) at the beginning of this listing.

ENGL 532 Tutorial—Fourth-Year Honors English

★3 (*fi 6*) or ★6 (*fi 12*) (variable). In the third year of the program, the Honors student, in consultation with the Department, will arrange for a literary project to be pursued under the guidance of a member of the Department for the ensuing summer and one term. The project will involve study of some problems having to do with such matters as technique, genre, criticism, or theme.

ENGL 533 Directed Reading in Fourth-Year Honors English

★3 (*fi 6*) (either term, 3-0-0). Note: Students may take this directed-reading course no more than once during their program.

211.84.2 Graduate Courses

Selected courses from the following list will be offered each year. Details of each year's program may be obtained early in the preceding spring from the Chair of the Graduate Committee.

ENGL 553 Directed Reading

★6 (*fi 12*) (full session, 3-0-0).

ENGL 554 Directed Reading

★3 (*fi 6*) (first term, 3-0-0).

ENGL 555 Directed Reading

★3 (*fi 6*) (second term, 3-0-0).

ENGL 560 Bibliography and Methods of Research

★0 (*fi 2*) (full session, 1-0-0).

ENGL 561 Introduction to the Teaching of First-Year English

★0 (*fi 2*) (either term, 1-0-0).

ENGL 562 Uses of the Computer in Literary Studies I

★0 (*fi 6*) (either term).

ENGL 567 Studies in Literary History

★3 (*fi 6*) (either term, 3-0-0).

ENGL 571 Critical Theory

★6 (*fi 12*) (full session, 3-0-0). Not to be taken by students with credit in ENGL 568.

ENGL 584 Creative Writing

★6 (*fi 12*) (full session, 3-0-0).

ENGL 586 Studies in American Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 590 Canadian Literature

★6 (*fi 12*) (full session, 3-0-0).

ENGL 591 Studies in Canadian Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 611 Studies in Old English Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 614 Middle English Literature

★6 (*fi 12*) (full session, 3-0-0).

ENGL 615 Studies in Middle-English Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 616 Chaucer

★6 (*fi 12*) (full session, 3-0-0).

ENGL 628 Medieval Drama

★6 (*fi 12*) (full session, 3-0-0).

ENGL 634 Renaissance Literature

★6 (*fi 12*) (full session, 3-0-0).

ENGL 635 Studies in Renaissance Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 640 Shakespeare

★6 (*fi 12*) (full session, 3-0-0).

ENGL 647 Studies in 17th-Century Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 659 Studies in Restoration and 18th-Century Literature

★3 (*fi 6*) (either term, 3-0-0).

ENGL 660 The 18th-Century Novel

★6 (*fi 12*) (full session, 3-0-0).

ENGL 663 Romantic Literature★6 (*fi 12*) (full session, 3-0-0).**ENGL 665 Studies in Romantic Literature**★3 (*fi 6*) (either term, 3-0-0).**ENGL 671 Victorian Poetry**★6 (*fi 12*) (full session, 3-0-0).**ENGL 672 The Victorian Novel**★6 (*fi 12*) (full session, 3-0-0).**ENGL 673 Studies in Victorian Literature**★3 (*fi 6*) (either term, 3-0-0).**ENGL 674 Post-Colonial Literature in English**★6 (*fi 12*) (full session, 3-0-0).**ENGL 676 The 20th-Century Novel**★6 (*fi 12*) (full session, 3-0-0).**ENGL 679 Studies in 20th-Century Literature**★3 (*fi 6*) (either term, 3-0-0).**ENGL 680 Studies in Post-Colonial Literature in English**★3 (*fi 6*) (either term, 3-0-0).**ENGL 682 20th-Century Poetry**★6 (*fi 12*) (full session, 3-0-0).**ENGL 684 20th-Century Drama**★6 (*fi 12*) (full session, 3-0-0).**ENGL 692 Technique of the Novel**★6 (*fi 12*) (full session, 3-0-0).**ENGL 693 Studies in Literary Genres**★3 (*fi 6*) (either term, 3-0-0).**ENGL 694 Studies in Literary Techniques**★3 (*fi 6*) (either term, 3-0-0).**ENGL 695 Studies in Literary Themes**★3 (*fi 6*) (either term, 3-0-0).**ENGL 696 Studies in Individual Authors**★3 (*fi 6*) (either term, 3-0-0).**ENGL 900 Directed Research Project**★6 (*fi 12*) (variable).**211.85 English as a Second Language**

Faculty of Extension

ESL 550 Preparing for Graduate Studies

★6 (*fi 15*) (either term, 360 hours). This 360-hour course enables students whose first language is other than English to develop the academic and social communication skills necessary to function effectively and independently at the graduate level at the University of Alberta. In addition to an English-language component, the course contains a cultural component which deals with such aspects as cultural awareness and values, differences in approaches to teaching and learning, orientation to campus and campus life, etiquette, behavior, and acculturation difficulties. This course is open to students who have received recommendations for preliminary admission to the Faculty of Graduate Studies and Research (FGSR). Prerequisite: consent of FGSR. Schedule: April–July or August–November.

211.86 Enseignement pratique

Faculté Saint-Jean

Note: Des frais de placement seront exigés pour les cours suivants. Veuillez consulter §22.2.1 pour de plus amples détails.

211.86.1 Stage I élémentaire/secondaire**ENPRQ 300 Enseignement pratique: niveau élémentaire**

★6 (*fi 13*) (l'un ou l'autre semestre, 6 semaines). Stage pratique de 6 semaines dans un milieu scolaire (immersion française ou français en milieu minoritaire). Prerequisite: EDUC 200 ou l'équivalent et une note de 6 ou plus dans le test d'admission aux stages.

ENPRQ 310 Enseignement pratique: niveau secondaire

★6 (*fi 13*) (premier semestre, 6 semaines). Stage pratique de 6 semaines dans un milieu scolaire (immersion française ou français en milieu minoritaire). Prerequisite: EDUC 200 ou l'équivalent et une note de 6 ou plus dans le test d'admission aux stages.

211.86.2 Stage II élémentaire/secondaire**ENPRQ 350 Enseignement pratique: niveau élémentaire**

★6 (*fi 13*) (l'un ou l'autre semestre, 6 semaines). Stage pratique de 6 semaines dans un milieu scolaire (immersion française ou français en milieu minoritaire). Prerequisite: Stage I.

ENPRQ 360 Enseignement pratique: niveau secondaire

★6 (*fi 13*) (deuxième semestre, 6 semaines). Stage pratique de 6 semaines dans un milieu scolaire (immersion française ou français en milieu minoritaire). Prerequisite: Stage I.

211.86.3 Stage III**ENPRQ 400 Etude approfondie: niveau élémentaire**★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0).**ENPRQ 410 Etude approfondie: niveau secondaire**★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0).**211.87 Entomologie**

Faculté Saint-Jean

ENTIE 120 Introduction à la biologie des insectes

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-3). Introduction à la structure, à la fonction, à l'écologie et à la systématique des insectes, l'accent étant mis sur la régulation de leur métabolisme, de leur locomotion, de leur reproduction et de leur développement. Etude de l'évolution des ordres des insectes et de leurs interactions avec les autres organismes, y compris l'homme. Prerequisite: Biologie 30 ou l'accord du Vice-doyen aux affaires académiques. Anciennement ENTIE 220.

211.88 Entomology (Biological Sciences)Department of Biological Sciences
Faculty of Science

Note: See the following sections for listings of other Biological Sciences courses: Biology (BIOL) §211.23; Botany (BOT) §211.26; Genetic (GENET) §211.111; Microbiology (MICRB) §211.158; Zoology (ZOOL) §211.239.

211.88.1 Undergraduate Courses**ENT 207 Agricultural Entomology**

★3 (*fi 6*) (second term, 3-0-3). Introduction to insects and related arthropods emphasizing those aspects of their structure and life history responsible for some of them becoming pests and indicating those aspects towards which control measures can be directed. Principles of integrated control. Prerequisite: One of BIOL 108, GENET 197, ZOOL 120 or BOT 199.

ENT 220 Insect Diversity

★3 (*fi 6*) (second term, 3-0-3). An introduction to the evolution, diversity, phylogeny, life styles, distribution, and classification of hexapods and practical experience in their identification. Prerequisite: BIOL 108.

ENT 280 Forest Entomology

★3 (*fi 6*) (second term, 3-0-3). Characteristics of major North American forest insects. Roles of insects in forest ecosystems. Insects destructive to wood and wood products. Principles of control. Prerequisites: Biology 30 and first year Chemistry (CHEM 161 and 163 recommended). Not open to first-year students.

ENT 321 Insect Function

★3 (*fi 6*) (second term, 3-1s-0). Biochemical and physiological adaptations that have allowed insects and their relatives to become extremely successful in most habitats, ways in which insect functions differ from those of other animals, use of insect models for general physiological and biochemical research, and adaptations underlying insecticide resistance. Seminars are discussions of recent literature. Prerequisite: ENT 220.

ENT 378 Insect Pathology

★3 (*fi 6*) (first term, 3-0-0). An introduction to the diseases of insects and related arthropods. The use of insect pathogens to reduce pest damage in forestry and agriculture. Roles of diseases in insect population dynamics, Biotechnology and insect pathogens. Prerequisite: ★3 in Entomology or Microbiology. Not open to first-year students.

ENT 392 Medical and Veterinary Entomology

★3 (*fi 6*) (second term, 3-0-3). An account of the influence of the arthropods on the health of man and domestic animals, and the interactions between arthropod vectors and vertebrate pathogens. Prerequisite: ENT 207 or 220 and ZOOL 250. Not open to students with credit in ENT 292.

ENT 460 Insect Ecology

★3 (*fi 6*) (first term, 2-0-4). Relationships of insects to their environment.

Community interactions. Laboratory will consist of field trips. Prerequisites: ZOOL 331 or ENT 308 and ★3 of Animal Ecology.

211.88.2 Graduate Courses

Notes

- (1) All 300 and 400 level courses in the Department of Biological Sciences may be taken for credit by graduate students with approval of the student's supervisor or supervisor committee.
- (2) The following courses may be taken as an option in the Department of Biological Sciences with approval of the student's supervisor or supervisor committee: BIOCH 510, 520, 530, 540, 541, 550, 555, 560; CHEM 361, 363, 461; CELL 300, 301; INT D 371, 372, 421, 452, 455, 464, 543, 544, 545, 551; MA SC 400, 401, 402, 410, 412, 420, 425, 430, 437, 440, 445, 450, 454, 470, 480; MMI 350, 405, 415, 516, 520; NEURO 472, 503; NU FS 363; PALEO 318, 319; PHARM 601.

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.

ENT 601 Seminar

★3 (fi 6) (first term, 0-2s-0). Required of all graduate students in the area of Entomology in each year.

ENT 602 Seminar

★3 (fi 6) (second term, 0-2s-0). Required of all graduate students in the area of Entomology in each year.

211.89 Environmental and Conservation Sciences

Departments of Agricultural, Food and Nutritional Sciences; Biological Sciences; Renewable Resources; and Rural Economy
Faculties of Agriculture, Forestry and Home Economics; Law; and Science

Note: See also Agricultural Economics, Animal Science, Forest Economics, Forest Engineering, Forest Science, Plant Science, Renewable Resources, and Soil Science listings for related courses.

The following table lists renumbered courses effective 1995/96:

Old	New	Old	New
AN SC 376	ENCS 376	PL SC 406	ENCS 406
ENCS 202	SOILS 210	PL SC 407	ENCS 407
FOR 365	ENCS 201	PL SC 471	ENCS 471
PL SC 356	ENCS 356		

The following table lists renumbered courses effective 1996/97:

Old	New
ENCS 485	REN R 485

ENCS 201 Wildlife Biodiversity and Ecology

★3 (fi 6) (either term, 3-0-3). Survey of wildlife ecosystems with fishes, amphibians, reptiles, birds, mammals, and selected invertebrates. Emphasis on field identification, voice recognition, adaptive ecology, and habitat relationships. Current conservation and stewardship issues stressed. Field trip. Prerequisite: ★3 in university-level Biology. Credit may not be obtained in both ENCS 201 and FOR 365. [Renewable Resources]

ENCS 203 Water Resource Management

★3 (fi 6) (either term, 3-0-0). Global perspective of supply of and demand for water, basic hydrologic principles, concepts in water management, human intervention in the hydrologic cycle, and environmental issues related to this intervention. Prerequisite: ★30 at the university-level with at least ★6 in the life or natural sciences. [Renewable Resources]

ENCS 204 Introduction to Plant Resources

★3 (fi 6) (first term, 3-0-3). Identification of vascular and non-vascular plants (including some fungi) and quantitative assessment of vegetation. Includes population and community sampling techniques, community classification, assessment of diversity, and quantification of range and timber resources. Credit cannot be obtained for both ENCS 204 and BOT 204. Prerequisite: BIOL 108 or BOT 199. [Biological Sciences and Renewable Resources]

ENCS 260 History and Fundamentals of Environmental Protection and Conservation

★3 (fi 6) (second term, 3-0-0). History, philosophy, and modern relationship of man and wildland environments; origins and ethics of conservation and preservation; natural parks movement; current perspectives concerning parks, protected areas, bioethics, recreational trends, and global perspectives. Credit cannot be obtained for both ENCS 260 and FOR 260. [Renewable Resources]

ENCS 352 Natural Resource and Environmental Law

★3 (fi 6) (either term, 3-0-0). Overview of Canadian laws and policies designed to control air, land, and water pollution including licensing systems, quasi-

criminal sanctions, and environmental impact assessment processes. The course will also review relevant constitutional issues and consider alternative legal approaches to the resolution of environmental problems. Prerequisite: Completion of ★60 of university-level course work. [Faculty of Law]

ENCS 356 Rangeland Conservation and Habitat Management

★3 (fi 6) (first term, 3-0-3). An introduction to rangeland conservation and wildlife habitat management. Effects of grazing and browsing on ecosystems; response of wild and domestic herbivores; rangeland management planning. Prerequisite: ★3 in university-level biology. [Agricultural, Food, and Nutritional Sciences]

ENCS 360 Soil and Water Conservation

★3 (fi 6) (second term, 3-3s-0). Erosion and civilization, an historical perspective. Principles of water and wind erosion. Effects of erosion on land productivity and on water and air quality. Biophysical, economical, and social factors contributing to erosion. Principles of erosion control on arable and non-arable land; planning of land-use, biological, and engineering practices. Hands-on experience with erosion and productivity computer models. Prerequisite: SOILS 210 or ENCS 202. Credit cannot be obtained for both ENCS 360 and SOILS 360. [Renewable Resources]

ENCS 361 Climates and Ecosystems

★3 (fi 6) (first term, 3-2s-0). The basic principles by which the cycles of water, carbon, and nutrients through soils, plants, and the atmosphere are controlled in terrestrial ecosystems under different climates. Interrelationships among water, carbon and nutrient cycles in natural and managed ecosystems that have developed in different climatic zones. Environmental consequences of human intervention in the cycles for food and fibre production in different ecosystems. Prerequisites: SOILS 210. Recommended courses: one of PL SC 221, 225, BIOL 208 or BOT 199. [Renewable Resources]

ENCS 376 Wildlife Productivity and Management

★3 (fi 6) (first term, 3-0-3). Principles of animal function as applied to management of wildlife communities. Special emphasis on nutritional ecology of hoofed mammals and trophic dynamics of grazing systems. Field trips. Prerequisite: ★3 in university-level Biology. [Renewable Resources]

ENCS 401 Special Topics in Conservation

★3 (fi 6) (either term, 0-3s-0). Individual Study. Problems in specialized areas of conservation science. Open to third or fourth year students upon consent of Instructor.

ENCS 402 Special Topics in Environmental Sciences

★3 (fi 6) (either term, 0-3s-0). Individual Study. Problems in specialized areas of environmental science. Open to third- or fourth-year students upon consent of Instructor.

ENCS 406 Plants of Canadian Rangelands and Wildlands

★3 (fi 6) (second term, 3-0-3). Ecology, identification, poisonous properties, and nutritive values of plants, important to grazing and browsing wildlife and livestock, on western Canadian rangelands and wildlands. Endangered habitats. Prerequisite: one of ENCS 356, PL SC 356, FOR 120, REN R 120 or BOT 210. [Agricultural, Food, and Nutritional Sciences]

ENCS 407 Plants of North American Rangelands and Wildlands

★3 (fi 6) (first term, 1-0-6). An in-depth study of the plants and communities of North American rangelands and wildland ecosystems, and their management. Prerequisites: ENCS 356 or PL SC 356; ENCS 406 or PL SC 406 strongly recommended. [Agricultural, Food, and Nutritional Sciences]

ENCS 440 Solute and Contaminant Transport in Unsaturated Soils

★3 (fi 6) (second term, 3-0-3). Introduction to physical principles governing the movement of water and solutes in unsaturated soils. Formulation of transport processes by applying fundamental principles. Interactions between water and solute movement. Effects of soil temperature. Introduction to concepts and approaches in modelling the movement and fate of solutes in soils. Examples from areas of waste management and soil remediation will be used throughout the course. Prerequisites: An introductory calculus course plus 10 full-course equivalents of university biological, physical and/or life science courses. [Renewable Resources]

ENCS 445 Spatial Variability in Natural Landscapes

★3 (fi 6) (second term, 3-0-3). Concepts of spatial variability and its mathematical characterization. Introduction to geostatistical methods, the maximum-likelihood method, and their applications in environmental assessment and land resource management. Sampling, data interpretation, and integration of sample information over larger areas. Prerequisites: An introductory statistics course plus 10 full-course equivalents of university biological, physical and/or life science courses. [Renewable Resources]

ENCS 455 Soil Remediation

★3 (fi 6) (first term, 3-2s-0). Principles and methods of biological, chemical, and physical remediation of soils contaminated by hazardous chemicals and other pollutants. Topics include bioremediation of hydrocarbon contaminated soils; chemical restoration of heavy metal polluted soils, acid soils and mine spoils, and salt affected soils; physical and biological restoration of compacted soils and hydrophobic soils contaminated with organic compounds or wastes; and risk analysis and soil quality criteria in soil remediation. Prerequisite:

Must have completed at least ★75 at university with emphasis on biophysical courses. [Renewable Resources]

S ENCS 460 Environmental Interpretation Field Trip

★3 (*fi 6*) (either term, 0-2s-6). Extended field trip to examine comparatively the philosophies, approaches and applied methodologies of a diverse range of institutions and agencies engaged in the practice of heritage interpretation. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Credit cannot be obtained for both ENCS 460 and INT D 460. Prerequisite: consent of Instructor. [Renewable Resources]

ENCS 462 Protected Areas Management

★3 (*fi 6*) (first term, 3-1.5s-0.5). Principles and methods of management of National and Provincial Parks, and forest recreational systems; wilderness management; the integration of biological and sociological criteria in park and recreational management. Field trips. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Credit cannot be obtained for both ENCS 462 and FOR 462. Prerequisite: ENCS 260 or FOR 260. [Renewable Resources]

ENCS 463 Protected Areas Planning

★3 (*fi 6*) (second term, 3-0-0). Survey of current principles and practices relevant to the planning of parks, wilderness areas, and recreational environments in wildland settings, from the perspective of the practitioner. Emphasis on current case studies, including possible field trip. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Credit cannot be obtained for both ENCS 463 and FOR 463. Prerequisite: ENCS 260 or ENCS 462 or FOR 260 or FOR 462. [Renewable Resources]

ENCS 464 Conservation and Management of Endangered Wildlife Species

★3 (*fi 6*) (first term, 3-0-0). Theoretical and applied considerations for maintaining wildlife populations considered endangered, threatened, or rare. Global, national, and provincial strategies for species conservation. Contributory factors of declines, extinctions, and species recovery. Special reference to forestry practices that can be used to help maintain or improve populations of species of concern. Case studies and field trips. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Credit cannot be obtained for both ENCS 464 and FOR 464. Prerequisite: One of ENCS 260, FOR 260, AN SC 376 or ENCS 376, ZOOL 476. [Renewable Resources]

ENCS 465 Environmental and Conservation Field Studies

★3 (*fi 6*) (either term, variable). Field trip studies with a focus on environmental and conservation biology topics. Course content and offerings vary from year to year, and have included study trips on Northern Ecosystems, National Parks, and Protected Areas, Arctic Tundra, the Florida Everglades, and Galapagos Islands. Prerequisite: ★9 in Biological or Ecological topics. [Renewable Resources]

S ENCS 467 Methods of Environmental Interpretation and Communication

★3 (*fi 6*) (either term, 3-3s-0). Application of principles of public communication and interpretation to environmental settings. Planning and design of public programs, nature trails, signs, exhibits, visitor centres, conducting walks, and presentations. Environmental education, program evaluation. Public relations and media interaction. Prerequisite: consent of Instructor. ENCS 260 recommended. [Renewable Resources]

S ENCS 471 Management and Conservation of Rangeland Ecosystems

★3 (*fi 6*) (first term, 3-0-3). Effects of fire, grazing, browsing, and mechanical improvement practices on the productivity and species diversity of rangeland ecosystems. Rangeland conservation, management, and wildlife habitat improvement. Field trips. Offered in alternate years commencing 1995/96. Prerequisite: ENCS 356 or PL SC 356; ENCS 406 or PL SC 406 is strongly recommended. [Agricultural, Food, and Nutritional Sciences]

ENCS 472 Human Factors in Wildland Resource Management

★3 (*fi 6*) (first term, 3-0-3). Overview of the relationship between people, as individuals or groups, and their interface with the environment. The course draws on findings in sociology, psychology, sociobiology, communications theory, and other social sciences to present an understanding of the social and political dimensions of modern wildland resource systems. Credit cannot be obtained for both ENCS 472 and FOR 472. (Offered jointly by the Department of Renewable Resources and Rural Economy.) [Renewable Resources] Prerequisite: Third year standing or higher.

D ENCS 473 Environmental and Conservation Policy

★3 (*fi 6*) (either term, 3-0-0). An overview of principles and programs relating to environmental and conservation policy. Selected local, national, and international environmental policy issues. Prerequisite: FOREC 345, INT D 365, ECON 365 or INT D 369. [Rural Economy]

ENCS 475 Waste Management and Utilization

★3 (*fi 6*) (second term, 3-2s-0). Chemical, biological, and physical properties of anthropogenic wastes their reactions in the soil environment, theory and practice for their chemical and biological immobilization and utilization in

agriculture, forest, and urban lands. Prerequisites: consent of the Instructor, must have completed at least ★60 at the university-level. [Renewable Resources]

ENCS 476 Dynamics of Wildlife and Rangeland Ecosystems

★3 (*fi 6*) (second term, 3-0-3). Plant-herbivore interactions and grazing systems management. Systems analysis, simulation modelling, expert systems, and other computer applications in wildlife and range management. Prerequisites: ★60 at the university-level with at least ★6 in Biology or Ecology. [Renewable Resources]

211.90 Reserved

211.91 Environmental Engineering

Department of Civil and Environmental Engineering
Faculty of Engineering

ENV E 220 Environmental Chemistry for Engineering

□3.8 (*fi 6*) (either term, 3-0-3/2). Survey of basic principles in analytical, inorganic, and organic chemistry with emphasis on environmental engineering applications. Laboratory measurements related to water quality. Prerequisite: CHEM 105. (★3)

ENV E 222 Chemical, Physical, and Biological Processes

□3.0 (*fi 6*) (either term, 3-0-0). Theory of chemical, physical, and biological processes in environmental engineering. Chemical kinetics and equilibrium, biological growth and kinetics, elements of reactor design, sedimentation, filtration, absorption; precipitation, and gas transfer. Prerequisite: ENV E 220; Corequisite: BIOL 108. (★3)

ENV E 320 Environmental Hydrology

□3.8 (*fi 6*) (either term, 3-0-3/2). Introduction to concepts in hydrology and hydrogeology. Hydrology topics include precipitation, evaporation, infiltration, streamflow, and hydrograph analysis. Hydrogeology topics include infiltration, percolation, seepage, drainage, aquifer hydraulics, and urban runoff quality. Prerequisite: CIV E 330; Corequisite: CIV E 331. (★3)

ENV E 351 Properties of Environmental Engineering Materials

□3.8 (*fi 6*) (either term, 3-0-3/2). Study of materials used in environmental engineering including traditional engineering materials such as soil and rock, concrete, steel, and wood but extending the coverage to man made materials such as plastics, textiles, membranes, composites, resins, and polymers. Prerequisites: CIV E 290, EAS 210. (★3)

ENV E 400 Special Topics in Environmental Engineering

□3.0 (*fi 6*) (first term, 3-0-0). Industrial waste management, or hazardous waste management, or air pollution, or soil/groundwater pollution, etc. Prerequisite: ENV E 222; Corequisite: ENV E 422. (★3)

ENV E 402 Environmental Impact Assessment

□2.5 (*fi 6*) (either term, 2-1s-0). Need and objectives of environmental impact assessment (EIA). Basic tasks and methods for need justification, project description, environmental factor determination, impact prediction, significance testing, mitigation design, evaluation, reporting, and public review. Review of impacts of different types of engineering projects and activities. Prerequisite: ENV E 222. (★3)

ENV E 421 Municipal Systems

□3.8 (*fi 6*) (either term, 3-0-3/2). Detailed and advanced design of water supply systems, sewerage, and storm drains. Rates of flow and hydraulics of networks and sewers, rainfall-runoff analysis, storm water storage, and loads on conduits. Extensive computer simulation of systems. Prerequisites: ENV E 222, CIV E 331, ENV E 420. (★3)

ENV E 422 Environmental Protection

□3.0 (*fi 6*) (either term, 3-0-0). Principles and methods of environmental protection for the engineering profession. Choice of technology, design of engineering projects, emission controls, mitigation and monitoring, environmental management plans. Federal and provincial environment legislation, professional engineering codes. Environmental policies and their effects on engineering design. Environmental management plans and issues. Prerequisite: ENV E 402; Corequisite ENV E 421. (★3)

ENV E 432 Solid Waste Management

□3.0 (*fi 6*) (either term, 3-0-0). Principles of solid waste management to protect public health. Study of solid waste components, refuse collection, storage, and handling. Design and operation of solid waste transfer and disposal facilities including transfer stations, resource recovery and composting facilities, incinerators, and landfills. Prerequisites: ENV E 421, ENV E 422. (★3)

ENV E 434 Environmental Geotechnics

□3.0 (*fi 6*) (either term, 3-0-0). Design of soil waste containment systems; stability of natural slopes, engineered cuts and embankments; earth pressure theories; design of retaining structures and pressures on buried pipes; settlement of earth containment structures and foundations; load-carrying

capacity of foundations; design for filtration, separation, containment, and reinforcement using geosynthetics. Prerequisites: EAS 210, ENV E 351, CIV E 381. (★3)

ENV E 440 Facility Design

□4.5 (*fi 6*) (second term, 3-0-3). Design and planning of water supply, water and wastewater treatment, storm water management, and solid waste facilities. Course includes major design projects, field trips, and presentations. Prerequisites: ENV E 222, 421. (★3)

ENV E 471 Elements of Structural Design

□3.8 (*fi 6*) (either term, 3-0-3/2). Structural design principles in steel and concrete as applied to environmental engineering type structures such as pipes, tanks, beams, columns, slabs, and foundations. Prerequisite: CIV E 270. (★3)

211.92 Environmental Physical Sciences

Departments of Chemistry, Earth and Atmospheric Sciences, and Physics
Faculty of Science

ENVPS 403 Industrial Internship Practicum

★3 (*fi 6*) (first term, 0-3s-0). Required by all students who have just completed an Environmental Physical Sciences Industrial Internship Program. Must be completed during the first academic term following return to full-time studies. Note: A grade of 1 or 9 will be determined by the student's job performance as evaluated by the employer, by the student's performance in the completion of an internship practicum report, and by the student's ability demonstrated in an oral presentation. Prerequisite: WKEXP 402.

211.93 Etudes canadiennes

Faculté Saint-Jean

ETCAN 101 Introduction à l'étude du Canada

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Présente un survol de la vie au Canada dans sa spécificité, pouvant inclure les aspects artistique, culturel, politique, social, et économique; introduit au champ interdisciplinaire des Etudes canadiennes.

ETCAN 360 La question nationale au Canada

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Une étude des nationalismes canadien/Canadien, québécois et amérindiens, dans les traditions politiques, intellectuelles et artistiques du Canada. Prérequis: ★6 à sigle ETCAN/CANST ou à contenu canadien dans les disciplines suivantes: économie, histoire, science politique, sociologie; ou permission du Doyen.

ETCAN 421 Langue et gouvernement au Canada

★3 (*fi 6*) (l'un ou l'autre semestre, 0-3s-0). Une étude de la diversité linguistique au Canada et de son impact sur les politiques et les institutions de gouvernement. Les thèmes comprennent le contact des langues, le maintien d'une langue, la mobilisation ethnique, les politiques linguistiques. Analyse approfondie de la législation en matière de langue et de l'utilisation des langues au sein des assemblées législatives, des fonctions publiques, des tribunaux et des écoles. Prérequis: SC PO 220 ou l'accord du Doyen. Note 1: ce cours peut compter pour la spécialisation en science politique. Note 2: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits en SC PO 421.

ETCAN 450 Enjeux canadiens actuels

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Un examen interdisciplinaire d'enjeux choisis dans les domaines culturel, économique, politique et social, auxquels le Canada fait actuellement face. Prérequis: ★6 à contenu canadien de niveau 300 ou 400, dont au moins ★3 à sigle ETCAN/CANST.

ETCAN 520 Mémoire d'Etudes canadiennes

★6 (*fi 12*) (sur deux semestres, 0-3s-0). Préparation du mémoire requis en quatrième année du programme de spécialisation en Etudes canadiennes.

211.94 Etudes classiques

Faculté Saint-Jean

ECLSS 102 La mythologie grecque et romaine

★3 (*fi 6*) (premier semestre, 3-0-0). Un aperçu de la mythologie au moyen de lectures choisies en traduction d'auteurs anciens et d'études contemporaines. Anciennement ECLSS 202.

ECLSS 250 Le monde grec

★3 (*fi 6*) (deuxième semestre, 3-0-0). Vie et société grecques illustrées par des découvertes archéologiques; l'âge de bronze, la cité, les temples,

Athènes, Sparte, l'art et l'architecture grecs, le commerce et la guerre. Diapositives, films et autres documents.

ECLSS 367 L'art grec archaïque et classique

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). L'origine et le développement de l'art et de l'architecture grecs. Son rapport avec l'histoire culturelle et politique de l'époque.

ECLSS 368 L'art helléniste et romain

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Le développement et le rôle de l'art et de l'architecture dans les royaumes helléniques et dans la république romaine: l'évolution de l'art impérial romain.

211.95 Etudes de la religion

Faculté Saint-Jean

ET RE 102 Introduction aux religions de l'Occident

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Parcours historique des religions juédique, chrétienne et islamique. Anciennement ET RE 202.

ET RE 248 La tradition chrétienne

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Les thèmes classiques de la chrétienté depuis le Nouveau Testament jusqu'à nos jours: le message de Jésus-Christ, le kerygme, la hiérarchie de l'église, l'évolution de la doctrine, le canon des Saintes Ecritures, l'Eglise et l'Etat, les Saintes Ecritures et leur interprétation. Anciennement ET RE 348.

ET RE 249 Introduction au Nouveau Testament

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Etude des premiers écrits de l'époque chrétienne, y compris les écrits apocryphes. On examine surtout la théologie de cette littérature et les images qui sont en voie de développement. Anciennement ET RE 349.

ET RE 250 Jésus de Nazareth

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Une étude biblique et historique de Jésus: sa vie, sa mort, sa résurrection et son influence à travers les âges. Anciennement ET RE 350.

ET RE 361 Symbolisme religieux

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Etude comparative des symboles religieux dans les différentes religions du monde: primitives, classiques et modernes. Une attention particulière sera accordée aux différentes approches et méthodes. Note: Ce Cours n'est pas accessible and étudiants ayant ou postulant des crédits en ET RE 261.

211.96 Evaluation en éducation

Faculté Saint-Jean

EVAED 498 La mesure et l'évaluation en éducation

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). La définition des objectifs. La mesure critériée et normative. L'évaluation sommative, formative et diagnostique. Les étapes de la planification d'un examen. L'observation des élèves. L'évaluation des attitudes. L'analyse et l'interprétation des résultats.

211.97 Exchange Program

International Centre

EXCH 800 Exchange Program

★0 Winter Session (*fi 60*).

EXCH 801 Exchange Program

★0 (*fi 30*) (either term).

EXCH 802 Exchange Program

★0 (*fi 6*) (either term).

EXCH 803 Exchange Program

★0 (*fi 12*) (either term).

EXCH 804 Exchange Program

★0 (*fi 18*) (either term).

EXCH 805 Exchange Program

★0 (*fi 24*) (either term).

EXCH 810 Exchange Program

★0 (*fi 30*) (full session, Intersession).

EXCH 811 Exchange Program

★0 (*fi 15*) (either term, Intersession).

211.98 Famille

Faculté Saint-Jean

FA MI 333 Ecole, famille, communauté

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Analyse des problèmes que les

besoins changeants de la famille et de la communauté posent à l'école (contexte francophone minoritaire/immersion française).

211.99 Family Medicine

Department of Family Medicine
Faculty of Medicine and Oral Health Sciences

Notes

- (1) Family Medicine is included in MED 411, 417, 421, 425, 427, and 447.
- (2) The Department of Family Medicine is responsible for the Human Sexuality Course offered within the Faculty of Medicine and Oral Health Sciences.

F MED 446 Student Internship in Rural Family Medicine

★3 (*fi 6*) (either term, 4 weeks). For students in Phase III MD program only. Provides an opportunity for students to work with a designated rural family physician who holds a clinical appointment in the Department of Family Medicine.

211.100 Reserved

211.101 Family Studies

Department of Human Ecology
Faculty of Agriculture, Forestry and Home Economics

Note: See also Consumer Studies; Human Ecology; and Textiles, Clothing, and Culture listings for related courses.

211.101.1 Undergraduate Courses

D FAM 110 Families in Today's World

★3 (*fi 6*) (either term, 3-0-0). An introductory course to the field of family studies. Students will be introduced to an ecosystems model of considering everyday family interactions. Examples from contemporary issues such as addictions, changing family structures, family caregiving, and family violence will also be considered from this perspective.

D FAM 215 Relationship Development

★3 (*fi 6*) (either term, 3-0-0). A consideration of the sociological, psychological and personal factors affecting the development, maintenance, and dissolution of intimate relationships today.

D FAM 222 Human Sexuality

★3 (*fi 6*) (either term, 3-0-0). An inquiry into the nature of sexual behavior, its personal and cultural sources and its personal, familial, and societal implications.

D FAM 312 Family Well-Being

★3 (*fi 6*) (either term, 3-0-0). An examination of the principles of family health and of family problem solving. Prerequisite: FAM 110 or SOC 271 or consent of Instructor.

FAM 320 Development in Infancy and Early Childhood

★3 (*fi 6*) (either term, 3-0-0). Advanced study of child development within the family from birth through five years of age. Particular emphasis will be placed on integrating basic research and theory on development with the practical issues faced by children and families. In addition, students will be required to perform 10-15 hours of observation within a real-world setting. Prerequisites: PSYCO 104/105 and one of PSYCO 223 or FAM 343 or EDPSY 163 or consent of Instructor.

FAM 321 Development During School Years and Adolescence

★3 (*fi 6*) (either term, 3-0-0). Advanced study of child development in the family during school age and adolescent years. Major emphasis will be placed on integrating basic theory and research with practical issues facing children and families. Students will be required to perform 10-15 hours of observation within an appropriate real-world setting. Prerequisite: FAM 343 or FAM 320 or PSYCO 223 or EDPSY 163 or consent of Instructor. Not open to students who have taken FAM 347.

FAM 323 Parent-Child Relationships

★3 (*fi 6*) (either term, 3-0-0). An exploration of parent-child relationships during childhood and adolescence. A variety of educational, preventive, and treatment approaches to working with these families will be discussed. Prerequisite: PSYCO 223 or EDPSY 163 or NURS 103 or 319.

FAM 400 Understanding Family Communication

★3 (*fi 6*) (either term, 3-0-0). The synthesis of knowledge of communication with knowledge of family relationships and the application of that combination to the student's experience. Emphasis is placed on the effect of communication on individual behavior and family patterns. Prerequisite: FAM 312 or consent of Instructor.

D FAM 410 Later Life Families

★3 (*fi 6*) (either term, 3-0-0). An exploration of the interpersonal, personal

and physical needs of the aging family throughout the latter stages of the family life cycle. Prerequisite: FAM 110. To be offered in alternate years.

FAM 411 Family Policy

★3 (*fi 6*) (either term, 2-2s-0). Principles and processes of policy development, implementation and analysis: examination of the current policy environment for Canadian families. Prerequisite: FAM 110.

FAM 412 Family Challenges

★3 (*fi 6*) (either term, 3-0-0). The focus of this course is on families that are facing difficult challenges such as special needs children, alternative lifestyles and family patterns, chronic illness, addictions, eating disorders, and family violence. Empowerment principles will be used to assess community resources and interventions. Prerequisite: FAM 110 or SOC 271 or consent of Instructor.

FAM 420 Ecological Perspectives on Aging

★3 (*fi 6*) (either term, 3-0-0). An introduction to the environments in which older people live. The course uses an ecological framework to study the symbolic, physical, interpersonal, community, and political environments of Canadian seniors. Prerequisite: HECOL 102 or consent of Instructor. To be offered in alternate years.

211.101.2 Graduate Courses

FAM 532 Family Health and Wellness: Theoretical and Measurement Issues for Research and Practice

★3 (*fi 6*) (either term, 0-3s-0). Focus of course will be models of family health and research related to these models. Examination of the health of families and the family's influence on health. Discussion of measurement and assessment issues. Applications to nursing, family studies and other health-related disciplines. (Course is cross-listed as NURS 532).

FAM 601 Review of Issues and Trends in Family Ecology and Practice

★3 (*fi 6*) (either term, 0-3s-0). Content and philosophy of the study of the family from a human ecological perspective. Corequisite: HECOL 601 or consent of Department.

FAM 602 Theory in Family Ecology

★3 (*fi 6*) (either term, 0-3s-0). Consideration of family theory as it relates to research and practice. Prerequisite or corequisite: FAM 601 or consent of Instructor.

FAM 613 Graduate Practicum in Family Studies

★3 (*fi 6*) (either term, 0-0-6). Selected practicum placements to integrate theory and practice in a variety of family agencies. Prerequisites: consent of Supervisor and Department.

FAM 614 Seminar in Family Crisis

★3 (*fi 6*) (either term, 0-3s-0). An analysis of the processes involved in family crisis. Family disorganization, reorganization, and change associated with various crises are considered. Prerequisite: FAM 110 or 211 or SOC 271 or consent of Instructor.

FAM 615 Families and Aging

★3 (*fi 6*) (either term, 0-3s-0). Current issues in mid- and later-life families including relationships between aging parents and adult children, grandparent relationships, family caregiving.

FAM 620 Seminar in Human Sexuality

★3 (*fi 6*) (either term, 0-3s-0). Analysis of sexuality issues framed in a biopsychosocial context. Prerequisite: FAM 222 or equivalent.

FAM 682 Fields of Practice, Applications and Evaluation

★3 (*fi 6*) (either term, 0-3s-0). Study of the development of specific fields of practice from a human ecological perspective: examination of application, development, implementation and evaluation issues. Prerequisite: HECOL 380 or consent of Instructor.

211.102 Film Studies

(Division of Comparative Studies in Literature, Film, and Religion)
Department of Modern Languages and Comparative Studies
Faculty of Arts

S F ST 200 Introduction to the Study of Film

★6 (*fi 12*) (full session, 3-0-3). A survey of major areas in film studies, emphasizing history, theory, film language, and the study of individual masterpieces. Prerequisites: ★6 in junior English, or ART H 101 and 102, or C LIT 100 or 201/202 or PHIL 140, or equivalent.

S F ST 205 The Fundamentals of Film

★3 (*fi 6*) (either term, 3-0-3). Analysis of film language in terms of the primary tools of the filmmaker's art and of their relation to visual communication and aesthetic quality. Prerequisites: ★6 in junior English, or ART H 101 and 102, or C LIT 100 or 201/202, or PHIL 140, or equivalent.

S F ST 301 The Art of the Filmmaker

★6 (*fi 12*) (full session, 3-0-3). The course explores in detail the work of four or five filmmakers whose contributions have been central to the medium. Study will focus on the notion of style in film and on the articulation of themes and ideas through cinematic technique. Prerequisite or corequisite: F ST 200 or F ST 205.

S F ST 310 Canadian Film

★3 (*fi 6*) (either term, 3-0-3). Major trends in both English and French Canadian film, such as documentary, feature film, animation, and experimental film. Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 310.

S F ST 311 The Hollywood Film I: Cultural Models, Narrative Strategies and the History of the Industry

★3 (*fi 6*) (either term, 3-0-3). A history of the American commercial film industry together with a consideration of selected Hollywood films as social cultural and aesthetic artifacts. Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 311.

S F ST 312 The Hollywood Film II: Genre

★3 (*fi 6*) (either term, 3-0-3). The narrative patterns and cultural mythology of well defined genres (e.g. the Western, the Crime Film, the 'Women's Picture,' the Horror Film). Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 312.

S F ST 313 World Cinema Since 1945

★3 (*fi 6*) (either term, 3-0-3). Developments in areas such as Italian Neo-Realism, the French New Wave, Japanese cinema, German film of the 1970s. Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 313.

S F ST 314 Film and the Representation of Women

★3 (*fi 6*) (either term, 3-0-3). An examination of the ways in which the representation of women has contributed to both the construction and the dismantling of gender stereotypes of women in the twentieth century. Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 314.

S F ST 320 Sound in Film

★3 (*fi 6*) (either term, 3-0-3). Some of the technical developments and aesthetic uses of sound in film from the early "talkies" of the late 1920s to the present. Prerequisite or corequisite: F ST 200 or 205.

S F ST 330 Documentary Film

★3 (*fi 6*) (either term, 3-0-3). Theory and history of the documentary film, with emphasis on Flaherty, the Documentary Movement in Britain, the National Film Board of Canada, and recent developments in the field. Prerequisite or corequisite: F ST 200 or 205.

S F ST 333 Experimental Film

★3 (*fi 6*) (either term, 3-0-3). Avant-garde, abstract and structural film. The history and changing conceptions of experimental film, with examples from the silent era to the present. Prerequisite or corequisite: F ST 200 or 205. Formerly INT D 401.

S F ST 352 Film and Other Arts

★3 (*fi 6*) (either term, 3-0-3). The questions of film as a composite art form. Relation of film to literature, drama, music, and the visual arts. The problem of adaptation. Prerequisite or corequisite: F ST 200 or 205.

S F ST 353 Film and Television

★3 (*fi 6*) (either term, 3-0-3). Independence and interdependence of film and television as visual media, cultural institutions and industries. Differences in technology and presentation, and their effects on film and television content and aesthetics. Prerequisite or corequisite: F ST 200 or 205.

S F ST 361 Third World Cinema

★3 (*fi 6*) (either term, 3-0-3). The course will examine a selection of films from Africa, Latin America, South and East Asia and the Middle East. Emphasis will be on cultural and socio-political context of film production and the often militant aesthetics of the filmmakers. Prerequisite or corequisite: F ST 200 or 205.

S F ST 362 The French New Wave

★3 (*fi 6*) (either term, 3-0-3). An historical and critical study of the body of films which began to take shape in the late 1950s around the influential journal *Cahiers du cinema*, and which revolutionized filmmaking around the world. Attention will be given to situate the work of Godard, Truffaut, Chabrol, Rivette, and Rohmer (as well as *Nouvelle vague* forerunners Resnais and Melville) within the tradition surrounding Realism, Modernism, and Avant-Garde. Prerequisite or corequisite: F ST 200 or 205.

S F ST 363 Central and Eastern European Cinema

★3 (*fi 6*) (either term, 3-0-3). A survey of major films produced in central and/or eastern Europe since World War II. Particular attention will be paid to the relationship between film and politics.

S F ST 371 Contemporary American Cinema

★3 (*fi 6*) (either term, 3-0-3). Concentrating on American filmmaking since the 1960s, the course will focus on a selection of films which trace the rise of Post-modernism in contemporary American culture. Special attention will be given to defining Postmodernism and to situate it historically within the development of American cinema. Prerequisite or corequisite: F ST 200 or 205.

S F ST 399 Special Topics in Film Studies

★3 (*fi 6*) (either term, 3-0-3). Prerequisite or corequisite: F ST 200 or 205.

S F ST 401 Film Theory and Criticism I

★3 (*fi 6*) (either term, 3-0-0). Readings in film theory. The history of film theory, and concentration on developments in structuralist/semiotic, Marxist, Feminist and psychoanalytic film theory. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program. Formerly INT D 401.

S F ST 402 Film Theory and Criticism II

★3 (*fi 6*) (either term, 3-0-3). Application of film theory to 'test-case' films, featuring analysis of selected films using the tools and assumptions of specific theories. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program.

S F ST 403 Genre Theory

★3 (*fi 6*) (either term, 0-3s-1). Advanced study in genre theory. Examines the notion of genre and its relevance as a theoretical and critical tool for the study of film. Prerequisites: F ST 200 or 205 and ★3 in F ST or consent of the Film Studies program.

S F ST 404 Film Narrative

★3 (*fi 6*) (either term, 3-0-3). The elements of visual/auditory storytelling, with emphasis on the structure and conventions of dominant narrative types, together with a consideration of alternative narrative forms. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program.

S F ST 410 Filmmakers

★3 (*fi 6*) (either term, 0-3s-3). Concentrated study of the works of individual filmmakers. The course will deal with one to three important filmmakers through representative films. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program.

S F ST 412 Topics in Film Studies

★3 (*fi 6*) (either term, 0-3s-3). A seminar-based examination of specialized topics in film. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program.

S F ST 414 Topics in Women and Film

★3 (*fi 6*) (either term, 0-3s-3). This course explores in depth one aspect of women's contribution to and/or representation in film. Topics may include women and the silent film; the women's film of the 1940s; avant-garde feminist filmmaking; examination of the 'oeuvre' of individual women directors. Prerequisites: F ST 200 or 205 and one F ST 300-level course or consent of the Film Studies program.

S F ST 491 Directed Study

★3 (*fi 6*) (either term, 0-3s-0). Prerequisites: ★3 at the 300-level in Film Studies, and consent of Department.

211.103 Finance

Department of Finance and Management Science
Faculty of Business

Note: Enrolment in all FIN courses is restricted to students registered in the Faculty of Business, or to students registered in specified programs that require Business courses to meet degree requirements and who have obtained prior approval of their Faculty.

211.103.1 Undergraduate Courses**FIN 301 Introduction to Finance**

★3 (*fi 6*) (either term, 3-0-0). Types of securities and basic methods of valuation. Valuation and selection of physical and intellectual assets. Operation of asset markets and market efficiency. Risk measures and risk reduction methods. Financing policy, including choices between debt and equity financing. Note: Students are expected to have basic familiarity with microcomputer applications. Prerequisite: MGTSC 301 or equivalent. Corequisite: ACCTG 300 or 311.

FIN 412 Investment Principles

★3 (*fi 6*) (either term, 3-0-0). This course examines securities and securities markets with emphasis on stocks and bonds. Topics include: information, interest rates, risk-return relationships, efficient markets, diversification, portfolio performance measurement, and the application of financial theory to investment decisions. Prerequisite: FIN 301.

FIN 413 Risk Management

★3 (*fi 6*) (either term, 3-0-0). This course examines the markets and valuation models for options and future contracts, and their application to hedging and the valuation of the other financial contracts. Prerequisite: FIN 301.

FIN 414 Operation of Financial Institutions

★3 (*fi 6*) (either term, 3-0-0). This course covers the organization and operation of primary and secondary securities markets, and financial intermediaries.

Topics include stock and bond market operation, management of investment and commercial banks, and management issues in other financial institutions. Prerequisite: FIN 301.

FIN 416 Advanced Portfolio Management

★3 (*fi 6*) (either term, 3-0-0). Recent theoretical and empirical developments in portfolio management are covered with an emphasis on investment strategy and the evaluation of investment performance. A student project makes extensive use of microcomputing, spreadsheets and financial market data. Prerequisite: FIN 301. Corequisite: FIN 412.

FIN 422 Capital Investment

★3 (*fi 6*) (either term, 3-0-0). Capital budgeting and the determination of the cost of capital to the firm. Prerequisite: FIN 301.

FIN 434 Advanced Corporate Finance

★3 (*fi 6*) (either term, 3-0-0). This course covers advanced topics in corporate finance such as capital structure, dividend policy, asset selection, agency problems, mergers and acquisitions. Prerequisite: FIN 301.

FIN 442 International Financial Markets

★3 (*fi 6*) (either term, 3-0-0). An overview of the international financial environment and the financial function in the multinational corporation. Its purpose is to provide decision-making skills in international money and capital markets. Prerequisite: FIN 301.

FIN 488 Selected Topics in Finance

★3 (*fi 6*) (either term, 3-0-0). Prerequisites: FIN 301 and consent of Department Chair.

FIN 495 Individual Research Projects

★3 (*fi 6*) (either term, 3-0-0). Special study for advanced undergraduates. Prerequisites: consent of instructor and Associate Dean. (When a student registers in this course for a second or third time, subsequent higher course numbers are to be used: FIN 496, 497.)

211.103.2 Graduate Courses

FIN 521 Financial Valuation

★1.5 (*fi 3*) (either term, 18 hours). This course introduces the valuation of financial assets such as bonds and stocks. Similar techniques are used to value capital investments. Both private and public sector applications are considered. Fundamental concepts in asset valuation such as diversification strategies are discussed within the context of simple asset pricing models and efficient financial markets. This course contains computer assignments and requires the use of spreadsheets. Offered in a six-week period. Prerequisites or corequisites: MANEC 501, MGTSC 521.

FIN 531 Financial Management

★1.5 (*fi 3*) (either term, 18 hours). Financial market efficiency is reviewed in the context of a firm's cost of capital. Further topics include the issuing of financial securities, leverage, and dividend policy. Methods of risk management, including the use of derivative securities, are discussed. This course contains some computer assignments. Offered in a six-week period. Prerequisite: FIN 521.

FIN 614 Portfolio Management

★3 (*fi 6*) (either term, 3-0-0). This course is concerned with investment in stocks, bonds and other financial assets. Topics include, but are not limited to, interest rates, risk-return relationships, investment valuation, and market information and efficiency. Prerequisite: FIN 531.

FIN 616 Securities Markets and Investment Banking

★3 (*fi 6*) (either term, 3-0-0). This course is concerned with the structure and operations of securities markets. Specifically, the course will cover the market for government securities, the organization and changing structure of investment dealers, underwriting compensation, merits of issuing securities through negotiation versus competitive bidding, right versus underwriting, direct placement, and the role of investment dealers in pricing new issues. In addition, the organization of secondary markets, pricing of brokerage and dealer services, relative merits of organizing trading in the form of a continuous auction vis-a-vis a negotiated market, and the economics of money management will be studied. Prerequisite: FIN 502.

FIN 618 Fixed Income Securities

★3 (*fi 6*) (either term, 3-0-0). This course is devoted to the study of bonds and related financial instruments. Important topics will include interest rate risk, and valuation of loans and securities with interest rate exposure. Prerequisite: FIN 531 and MGTSC 521.

FIN 634 Corporate Financial Planning

★3 (*fi 6*) (either term, 3-0-0). Advanced discussion of asset choice and financial structure. Supplemental case study. Prerequisite: FIN 502.

FIN 644 International Finance

★3 (*fi 6*) (either term, 3-0-0). The objective of this course is to acquaint students with macro and micro aspects of international finance. At the macro level coverage will include theories of direct investment, the international monetary mechanism, foreign exchange markets, and repercussions from

balance of payments difficulties. Micro level materials will include problems of doing business internationally and a survey of public and private foreign and international finance institutions. The final part of the course will review Canada's role in international business. Prerequisite: MANEC 502.

FIN 654 Risk Management

★3 (*fi 6*) (either term, 3-0-0). Futures, options, and other derivative securities. Markets, valuation models, application to risk management through hedging, and the application of pricing models to the valuation of financial contracts. Prerequisite: FIN 502.

FIN 673 Mergers, Restructuring, and Corporate Control

★3 (*fi 6*) (either term, 3-0-0). Financial and economic aspects of corporate mergers, restructuring, downsizing, and bankruptcy are examined. Relations between corporate structure and performance are investigated. Specific attention is paid to the roles of top management and boards of directors. Special issues relating to privatization and restructuring in former socialist economies are studied. Prerequisite: FIN 502.

FIN 686 Selected Topics in Finance

★3 (*fi 6*) (either term, 3-0-0). Topics dealt with in this seminar may vary from year to year, and will be chosen at the discretion of the instructor. Prerequisite: FIN 502.

FIN 698 Individual Study Project in Finance

★3 (*fi 6*) (either term, 3-0-0).

FIN 701 Advanced Seminar in Finance I

★3 (*fi 6*) (either term, 3-0-0).

FIN 702 Advanced Seminar in Finance II

★3 (*fi 6*) (either term, 3-0-0).

FIN 703 Advanced Seminar in Finance III

★3 (*fi 6*) (either term, 3-0-0).

FIN 704 Individual Research

★3 (*fi 6*) (either term, 3-0-0).

FIN 705 Research Seminar in Finance

★3 (*fi 6*) (full session, 3-0-0). Seminar participants will present, discuss, and critique important papers on the frontiers of current research. Members of the faculty and visiting scholars will also present frequent talks on various topics. Students taking the course for credit are expected to present original work related to their doctoral theses. This seminar is a single-term course offered over the full session. Prerequisites or corequisites: FIN 701, 702, and 703, or permission of the Instructor.

FIN 815 Financial Analysis and Decision Making

★1.5 (*fi 16*) (second term, 18 hours). A week-long intensive course. Understanding cash flow analysis, short-term financing, pro formas, the assessment of financial performance, ratio analysis and the role of financial intermediaries. Restricted to Executive MBA students only.

FIN 830 Finance

★3 (*fi 32*) (second term, 3-0-0). Understanding valuation, capital markets, venture capital, international markets, and corporate risk management. Restricted to Executive MBA students only.

211.104 Fondements de l'éducation

Faculté Saint-Jean

FO ED 205 Sociologie de l'éducation

★1,5 (*fi 3*) (l'un ou l'autre semestre, 1,5-0-0). Une introduction à l'étude des relations entre l'école publique et la société. Les questions de l'égalité des chances, du racisme et du retour aux compétences de base seront abordées à partir d'une analyse sociologique afin d'initier les étudiants à l'importance des sciences sociales en éducation. Ce cours n'est pas accessible aux étudiants ayant des crédits en FO ED 201, 301.

FO ED 206 Histoire et administration des écoles publiques au Canada

★1,5 (*fi 3*) (l'un ou l'autre semestre, 1,5-0-0). Une introduction à l'étude historique des écoles publiques au Canada avec une insistance sur l'Ouest canadien. L'étude sera faite en examinant les antécédents historiques de certains problèmes scolaires. Ce cours n'est pas accessible aux étudiants ayant des crédits en FO ED 201, 301.

FO ED 350 Contexte et réalités de l'éducation française

★1,5 (*fi 3*) (l'un ou l'autre semestre, 1,5-0-0). Ce cours veut permettre une compréhension du contexte et des réalités de l'éducation française en situation d'immersion et en milieu francophone minoritaire.

FO ED 401 L'école française en situation minoritaire

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Son historique et sa situation sur le plan national, son rôle, ses buts, sa création, sa gérance et ses programmes. Les besoins auxquels elle doit répondre. L'article 23 et la loi scolaire. Le rôle des parents et des enseignants. L'école française et les programmes d'immersion: distinction et comparaison. Avenir de l'école française au Canada et en Alberta.

FO ED 455 Histoire de la pensée en éducation

★1,5 (fi 3) (l'un ou l'autre semestre, 1,5-0-0). Une étude des grands auteurs en philosophie de l'éducation tels que Platon, Rousseau, Locke, Dewey. Ce cours n'est pas accessible aux étudiants ayant des crédits en FO ED 452.

FO ED 457 Philosophie du multiculturalisme

★1,5 (fi 3) (l'un ou l'autre semestre, 1,5-0-0). Une analyse des droits des minorités face à ceux de la majorité, de la préservation des cultures, et des droits de l'individu devant ceux des groupes. Une attention particulière sera portée aux implications pour l'éducation en langue officielle et l'éducation multiculturelle.

211.105 Forest Economics

Department of Rural Economy
Faculty of Agriculture, Forestry and Home Economics

211.105.1 Undergraduate Courses

Note: See also INT D 365, 369, 465, and 565 for courses which are offered by more than one department or Faculty and which may be taken as options or as a course in this discipline.

FOREC 345 Economics of Forestry

★3 (fi 6) (either term, 3-0-0). Economic aspects of forest production, marketing, finance, and policy. Prerequisite: ECON 101/102.

FOREC 400 Special Topics

★3 (fi 6) (either term, 0-3s-0). Individual study. Study of a selected topic or problem requiring both written and oral reports. Prerequisite: consent of Department Chair.

FOREC 445 Forest Production Economics

★3 (fi 6) (either term, 3-0-0). Production principles applied to the use of resources in forestry. Prerequisite: consent of instructor; FOREC 345 recommended.

FOREC 473 Forest Policy

★3 (fi 6) (either term, 3-0-0). Analysis of forest resource policy formation and evaluation. Review of selected policies and programs provincially, nationally, and internationally. Analysis of current policy issues. Prerequisite: FOREC 345, INT D 365 or INT D 369. (Offered jointly by the Departments of Renewable Resources and Rural Economy.) [Rural Economy]

FOREC 500 Research Projects in Forest Economics

★3 (fi 6) (either term, 0-3s-0). Individual study. Investigations of a special problem involving field or library study and preparation of written reports. Note: May be repeated for credit one time. Prerequisite: consent of Department Chair.

211.105.2 Graduate Courses**S FOREC 545 Forest Resource Economics**

★3 (fi 6) (either term, 3-0-0). Economic analysis of public policy issues and regulatory activities in the forestry sector. Analysis of the roles of institutions and property rights in regulating: timber supply (the harvesting and management of forest stocks and flows); the production and trade of forest products; the provision of multiple forest resources; and other forest policy issues. Prerequisite: consent of instructor, ECON 481 recommended.

FOREC 600 Directed Studies

★3 (fi 6) (either term, 0-3s-0). Analysis of selected research problems and design or research projects in forest economics. Prerequisite: consent of Department Chair.

211.106 Forest Engineering

Department of Renewable Resources
Faculty of Agriculture, Forestry and Home Economics

S FOREN 201 Engineering Principles Applied to Forestry I

★3 (fi 6) (first term, 3-0-3). Surveying, photogrammetry, and photo interpretation for forestry and forest operation applications.

S FOREN 335 General Forest Harvesting and Transportation

★3 (fi 6) (first term, 3-0-0). Harvesting and transportation methods and techniques as applied to industrial logging operations. This is a general course for forestry students requiring a basic knowledge of methods and equipment used in modern forest harvesting and transportation operations.

S FOREN 355 Wood Science and Utilization

★3 (fi 6) (second term, 3-0-3). The anatomy and identification of woods; biological, chemical, and physical properties of wood and its components. Lumber, pulp and paper, and reconstituted wood products technologies. Concept of integrated utilization.

S FOREN 400 Topics in Wood Utilization

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in wood

utilization relating to solid wood products manufacturing and/or pulp and paper technology. Prerequisite: FOREN 310 or FOREN 345.

S FOREN 435 Advanced Transportation of Forest Products

★3 (fi 6) (second term, 3-0-3). Advanced studies in the methods and systems of movement of wood and wood products. Equipment for primary and secondary transportation of timber. Planning and cost analysis of logging operations and equipment. Forest roads and bridges. Prerequisite: FOREN 335.

211.107 Forest Science

Department of Renewable Resources
Faculty of Agriculture, Forestry and Home Economics

Notes

- (1) See also Agricultural Economics, Animal Science, Environmental and Conservation Sciences, Forest Economics, Forest Engineering, Interdisciplinary Undergraduate Courses, Plant Science, Renewable Resources, and Soil Science listings for related courses.
- (2) See also INT D 365 and 466 for courses which are offered by more than one department or Faculty and which may be taken as options or as a course in this discipline.

The following table lists renumbered courses effective 1996/97:

Old	New	Old	New
FOR 110	REN R 110	FOR 439	REN R 439
FOR 120	REN R 120	FOR 475	REN R 475
FOR 321	REN R 321	FOR 490	REN R 490
FOR 420	REN R 420	FOR 601	REN R 601
FOR 421	REN R 421	FOR 602	REN R 602
FOR 430	REN R 430		

The following table lists renumbered courses effective 1997/98:

Old	New
FOR 401	REN R 410

211.107.1 Undergraduate Courses**S FOR 100 Introduction to Forestry**

★3 (fi 6) (first term, 3-0-0). A general introduction to trees and other forest plants, forest ecology, and forest land-use planning. Includes discussions of the relationships between recreation, water, wildlife, agriculture, range and timber to forest management policies and practices in Alberta and elsewhere. Not available for credit to BSc Forestry students.

S FOR 101 Introductory Forestry Field School

★0 (fi 3) (first term, 5 days). A general overview of the practice of Forestry. This five-day orientation includes an introduction to basic forest measurements, forest management practices, and will include tours of a number of major mill operations in Alberta. Five days prior to first term registration.

S FOR 210 Forest Measurements

★3 (fi 6) (second term, 3-0-3). Principles and practices of measuring and estimating present and future fibre production of forest communities, including applications of statistics, sampling techniques, regression analysis, and computer programming. Prerequisites: FOR 110, MATH 113, and ★3 of statistics.

S FOR 302 Forest Measurements Field Camp

★1 (fi 2) (Intercession, 6 days). Six days of forest measurement field work off campus. Conducted immediately following second term final examinations. Required of all students pursuing the BSc in Forestry or Forest Business Management. Students are required to schedule FOR 302 in the same year as FOR 303 and FOR 304. Prerequisites: (FOR 120 or REN R 120), FOR 210, and FOREN 201.

S FOR 303 Forest Engineering Field Camp

★1 (fi 2) (Intercession, 6 days). Six days of forest engineering field work off campus. Conducted immediately following second term final examinations. Required of all students pursuing the BSc in Forestry or Forest Business Management. Students are required to schedule FOR 303 in the same year as FOR 302 and 304. Prerequisites: (FOR 120 or REN R 120), FOR 210, and FOREN 201.

S FOR 304 Forest Ecology Field Camp

★1 (fi 2) (Intercession, 6 days). Six days of silviculture and ecology field work off campus. Conducted immediately following second term final examinations. Required of all students pursuing the BSc in Forestry or Forest Business Management. Students are required to schedule FOR 304 in the same year as FOR 302 and FOR 303. Prerequisites: (FOR 120 or REN R 120), FOR 210 and FOREN 201.

S FOR 314 Forest Soils

★3 (fi 6) (second term, 3-0-3). Chemical, physical, and biological properties and processes of soil in relation to site and the growth of forest vegetation;

nutrient cycling; influences of surface soil erosion, fertilization, and fire upon forest soil productivity; forest land classification. Prerequisite: SOILS 210 or ENCS 202. [Renewable Resources]

S FOR 322 Forest Ecosystems

★3 (fi 6) (first term, 3-0-3). Analysis of the structure and function of forest communities and ecosystems. Topics include: community composition, structure, classification, and succession; energy flow, productivity, nutrient cycling, environmental impact of forest management. A one-day weekend field trip is required. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Prerequisite: BOT 130 or BIOL 208 or both BIOL 108 and REN R 120.

S FOR 323 Silviculture

★3 (fi 6) (first term, 3-0-3). Forest regeneration principles and techniques; stand tending including fertilization, thinning, pruning and drainage; harvesting systems for reforestation; nursery practices; reforestation, the law and current practices. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Prerequisite: FOR 321 strongly recommended.

S FOR 340 Forest Fire Management

★3 (fi 6) (second term, 3-0-3). Fire thermophysics, combustion energetics, fire behavior, fuels measurement and manipulation, and fire effects; prevention, detection, suppression, settlement protection, preattack planning, and prescribed burning as part of sophisticated forest management.

S FOR 350 Forest and Range Hydrology

★3 (fi 6) (second term, 3-0-3). The role of forest and range vegetation in determining the hydrologic function of a watershed; natural storage phenomena of the forest land surface and ways it can be modified; field trips. Prerequisite: SOILS 210.

S FOR 372 Forestry and the Environment

★3 (fi 6) (second term, 3-0-3). Introduction to forest ecology, forest resources and forest management for non-foresters. Examination of environmental issues and land use impacts associated with forestry practices and their resolution. A one day weekend field trip will be required. This course requires the payment of additional miscellaneous fees. See §22.2.3 for details. Prerequisite: third year University standing. Not open to forestry majors.

S FOR 405 Intermediate Forest Problems

★3 (fi 6) (either term, 0-3s-0). Individual study. Problems in specialized areas of forest science. Prerequisite: consent of Instructor.

S FOR 423 Advanced Silviculture

★3 (fi 6) (second term, 3-0-0). Readings, discussions and exercises on current topics in Silviculture. Possible topics include: forest microsites, forest competition, plantation forestry, partial-cut systems, or intensive management. Prerequisite: FOR 323.

S FOR 427 Tree Seedling Production

★3 (fi 6) (second term, 3-0-3). Theory and current practice of the production of tree seedlings. Includes discussion of seed collection and handling, seedling ecophysiology in relation to the nursery environment, hardening and storage of container and bare root seedlings. Will include guest speakers and student seminars. Prerequisite: consent of Instructor. Offered in alternate years.

S FOR 433 Forest Growth and Yield Prediction

★3 (fi 6) (first term, 3-0-3). Selected topics in forest mensuration, regression analysis, growth and yield prediction. Sampling methods, growth models and data management. Prerequisite: FOR 210.

S FOR 450 Forest Watershed Management

★3 (fi 6) (first term, 3-0-0). Seminar presentations and discussions on the principles and methods involved in managing forest and range land to obtain optimum production and regulation of water yields while maintaining soil stability; watershed management as a component of integrated forest resources management. Prerequisite: FOR 350. Offered in alternate years.

211.107.2 Graduate Courses

Notes

- (1) FOREC 545, FOREN 550, 560, 561, 650, 660, 661 may also be taken as a FOR credit.
- (2) The following undergraduate courses may be taken for credit by graduate students: CAPS 431; ENCS 460, 462, 463, 464, 475; FOREC 445, 473; INT D 465, 466; FOREN 435; FOR 350, 401, 405, 423, 427, 433, 450; REN R 420, 421, 430, 439, 490.

FOR 501 Special Topics in Forestry

★3 (fi 6) (either term, 3-0-0). Prerequisite: consent of Instructor.

FOR 502 Problems in Forest Ecology

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in forest ecology. Prerequisite: consent of Instructor.

FOR 503 Problems in Silviculture

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in silviculture. Prerequisite: consent of Instructor.

FOR 522 Advanced Forest Ecology

★3 (fi 6) (second term, 0-3s-0). Current topics in forest ecology are dealt with through lectures, student seminars, readings, and discussion. Possible topics include: ecosystem management, forest fragmentation, biodiversity, succession, community dynamics, environmental impacts of harvesting, 'New Forestry.' Prerequisite: consent of Instructor. Offered in alternate years.

FOR 535 Problems in Forest Resources Management

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in forest resources management. Prerequisite: consent of Instructor.

FOR 545 Problems in Forest Fire

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in forest fire. Prerequisite: consent of Instructor.

FOR 546 Advanced Fire Ecology

★3 (fi 6) (second term, 3-0-0). The role of fire as a forcing function in ecosystem dynamics in the physical components (energy flows and nutrient cycling) and in the biotic components (individual, populations, and community levels). The role of fire in high profile scientific questions such as climate change, rainforest clearing and smoke pollution should be useful for student in zoology, botany, and geography as well as forest science, wildlife science, plant science, and conservation science. Note that this course follows the introductory FOR 340. Prerequisites: A basic ecology course and consent of Instructor.

FOR 555 Problems in Forest Hydrology

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in forest hydrology. Prerequisite: consent of Instructor.

FOR 565 Problems in Forest Recreation

★3 (fi 6) (either term, 0-3s-0). Individual study. Directed study in forest recreation. Prerequisite: consent of Instructor.

FOR 590 Seminar in Tree Improvement

★3 (fi 6) (second term, 0-3s-0). Reports and discussion of current literature and advanced topics in forest genetics and tree improvement. Prerequisites: Graduate standing and consent of Instructor; FOR 490 or REN R 490 recommended.

FOR 610 Research Methods in Forestry

★3 (fi 6) (second term, 3-2s-0). Use of the scientific method in forestry research, formulation of hypotheses, design of experiments, interpretation of data. Prerequisite: consent of Instructor.

211.108 Français

Faculté Saint-Jean

Les numéros de certains cours au niveau du Baccalauréat à la Faculté Saint-Jean ont été changés. La liste suivante indique les changements en 1990-91:

ancien	nouveau	ancien	nouveau
FRANC 210	FRANC 110	FRANC 214	FRANC 114
FRANC 213	FRANC 113		

La liste suivante indique les changements en 1991-92:

ancien	nouveau	ancien	nouveau
FRANC 110	FRANC 160	FRANC 324	FRANC 395
FRANC 113	FRANC 165	FRANC 343	FRANC 274
FRANC 114	FRANC 166	FRANC 420	FRANC 470
FRANC 310	FRANC 261	FRANC 421	FRANC 431
FRANC 315	FRANC 262	FRANC 422	FRANC 432
FRANC 319	FRANC 267	FRANC 425	FRANC 475
FRANC 321	FRANC 272		

Voie intermédiaire

FRANC 160, 161, 162, 163 (1ère année)
FRANC 264 (2e année)
FRANC 322

Voie avancée

FRANC 165, FRANC 166 (1ère année)
FRANC 267 (2e année)
FRANC 322

Notes

- (1) Le tableau ci-dessus indique les cours obligatoires suivant la voie dans laquelle est orienté un étudiant et le moment où ils doivent être pris.
- (2) Un étudiant ayant réussi des cours de la voie avancée ne peut se réorienter vers la voie intermédiaire ou postuler des crédits pour les cours de cette voie et vice versa.
- (3) Un seul cours de français au niveau 100 peut être crédité, sauf pour les étudiants dans la voie intermédiaire.

FRANC 101 Communication orale et écrite

★6 (fi 12) (semestres de printemps et d'été, 3-0-3). Etude des éléments et des structures de base du français parlé et écrit; identification et mise en

pratique de notions élémentaires et de certains schémas de communication. Ce cours se destine aux étudiants qui ne disposent pas de la base nécessaire pour satisfaire les exigences du FRANC 160 (French 30 ou l'équivalent) et n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 100 à la Faculté des Arts.

FRANC 140 Communication orale et écrite

★6 (*fi 12*) (semestres de printemps et d'été, 3-0-3). Étude du français parlé et écrit, par la mise en relation de la langue et de son usage dans un contexte socio-culturel francophone précis. Travaux pratiques d'écoute, de lecture, d'écriture et, surtout, d'expression orale. La note finale sera évaluée 60% à l'oral, 40% à l'écrit. Prérequis: French 30, ou l'équivalent, ou FRANC 101 ou FREN 100. Ce cours peut être crédité pour FRANC 160 et n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 150 à la Faculté des Arts.

FRANC 160 Le français oral—Niveau intermédiaire, I

★3 (*fi 6*) (l'un ou l'autre semestre, 0-5L-0). Étude du français parlé: vocabulaire et structures. Travaux pratiques d'écoute, de lecture et d'expression en séminaires et au laboratoire. Prérequis: French 30, ou équivalent. Affectation par test de classement. Corequis: FRANC 161. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 150 ou 152 à la Faculté des Arts.

FRANC 161 Le français écrit—Niveau intermédiaire, I

★3 (*fi 6*) (l'un ou l'autre semestre, 0-5L-0). Étude du français écrit. Compréhension de textes. Acquisition des structures de base. Exercices de rédaction dirigée. Initiation à l'autocorrection. Prérequis: French 30, ou équivalent. Corequis: FRANC 160. Affectation par test de classement. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 150 ou 152 à la Faculté des Arts.

FRANC 162 Pratique du français oral—Niveau intermédiaire, II

★1,5 (*fi 3*) (l'un ou l'autre semestre, 0-3L-0). Ce cours est normalement la suite de FRANC 160. Travaux pratiques de lecture, d'écoute et d'expression en séminaires et au laboratoire. Exposés. Conversation libre et dirigée. Prérequis: FRANC 160 ou équivalent. Corequis: FRANC 163.

FRANC 163 Pratique du français écrit—Niveau intermédiaire, II

★1,5 (*fi 3*) (l'un ou l'autre semestre, 0-4L-0). Ce cours est normalement la suite de FRANC 161. Étude de l'expression écrite. Lecture. Travaux de rédaction dirigée avec autocorrection. Prérequis: FRANC 161 ou équivalent. Corequis: FRANC 162.

FRANC 165 Le français actuel, I—Niveau avancé

★3 (*fi 6*) (premier semestre, 0-5L-0). Développement de l'expression orale et écrite. Étude de la morphologie et des structures du français. Travaux d'application. Expression orale libre et dirigée. Exercices de rédaction dirigée. Initiation à l'autocorrection. Prérequis: French 30 ou l'équivalent. Affectation par test de classement. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 250 à la Faculté des Arts.

FRANC 166 Le français actuel, II—Niveau avancé

★3 (*fi 6*) (deuxième semestre, 0-5L-0). Enrichissement de l'expression orale et écrite. Ce cours est la suite de FRANC 165. Lecture, expression orale libre et dirigée. Travaux de rédaction dirigée avec autocorrection. Prérequis: FRANC 165. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 250 à la Faculté des Arts.

FRANC 225 Lire le texte littéraire

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Ce cours vise à faire connaître différents concepts et stratégies de lecture et d'analyse du texte littéraire. Les ouvrages à l'étude seront choisis en fonction des approches et méthodologies présentées. Prérequis: FRANC 264 ou 267, ou l'accord du Doyen.

FRANC 235 Survol de la littérature francophone

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Ce cours d'introduction à la littérature en français vise à faire connaître, dans une perspective socio-historico-culturelle, les noms des grands écrivains et penseurs du monde francophone, leurs idées et la mise en texte de ces idées. Le corpus à l'étude consistera dans des extraits de texte tirés d'oeuvres représentatives à travers les siècles. Prérequis: FRANC 264 ou 267, ou l'accord du Doyen.

FRANC 241 Communication orale et écrite

★6 (*fi 12*) (semestres de printemps et d'été, 3-0-3). Perfectionnement du français écrit et, surtout, oral. Ce cours se destine à l'étudiant ayant réussi FRANC 162 et FRANC 163 ou FREN 150, et se veut complémentaire au FRANC 264 et au FRANC 272.

FRANC 264 De la lecture à l'écriture—Niveau intermédiaire

★3 (*fi 6*) (l'un ou l'autre semestre, 0-4L-0). Développement de l'expression écrite. Étude de textes. Les diverses formes d'écrits. La textualité. Travaux de composition. Pratique de l'autocorrection. Préparation à la dissertation. Prérequis: FRANC 162 et 163. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 350 à la Faculté des Arts. Anciennement FRANC 262.

FRANC 267 De la lecture à l'écriture—Niveau avancé

★3 (*fi 6*) (l'un ou l'autre semestre, 0-3L-0). Perfectionnement de l'expression

écrite. Étude de textes. Les diverses formes d'écrits. La textualité. Travaux de composition. Pratique de l'autocorrection. Préparation à la dissertation. Prérequis: FRANC 166 ou affectation par test de classement. Note: Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 350 à la Faculté des Arts.

FRANC 272 La rédaction française

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Étude des méthodes de la rédaction. L'expression des idées: étude du vocabulaire et de la phrase. Travaux de rédaction. Prérequis: FRANC 166 ou FRANC 162/163, ou l'équivalent. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 350 ou 358 à la Faculté des Arts.

FRANC 274 Phonétique corrective

★3 (*fi 6*) (l'un ou l'autre semestre, 0-3L-0). Introduction à la phonétique française et à ses difficultés d'apprentissage comme langue seconde. Emphase sur la pratique individuelle et en groupe. Cours s'adressant aux étudiants dont le français n'est pas la langue dominante.

FRANC 314 Pratique avancée du français oral et écrit

★6 (*fi 12*) (semestres de printemps et d'été, 3-0-3). Sensibilisation aux différents moyens d'exprimer une idée. Ce cours a pour but d'aider l'étudiant à mieux structurer sa pensée en français et, ce, à l'oral et à l'écrit. Il se destine à l'étudiant qui voudrait approfondir les connaissances et compétences acquises en FRANC 264, en FRANC 272 ou en FREN 250, ou bien renforcer certaines connaissances et compétences acquises en FRANC 322.

FRANC 322 Pratique de la dissertation

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). La compréhension, l'analyse et la synthèse de données. L'étude et la manipulation du raisonnement logique. La recherche et l'exploitation des arguments. L'élaboration et la mise en forme de la dissertation comme texte clair, cohérent et convaincant. Travaux pratiques. Cours obligatoire pour l'obtention du diplôme de la Faculté. Prérequis: FRANC 264, ou 267, ou l'équivalent.

FRANC 325 Littérature française du XVII^e siècle

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Études d'oeuvres représentatives du XVII^e siècle. Prérequis: FRANC 235.

FRANC 326 Littérature française du XVIII^e siècle

★3 (*fi 6*) (deuxième semestre, 3-0-0). Évolution des genres littéraires illustrée par des textes du XVIII^e siècle. Prérequis: FRANC 235. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 360 à la Faculté des Arts.

FRANC 327 Littérature française du XIX^e siècle

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). L'analyse des mouvements littéraires. L'évolution de la conception littéraire à travers les textes du XIX^e siècle. Prérequis: FRANC 235. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 380 à la Faculté des Arts.

FRANC 328 Littérature française du XX^e siècle

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Étude d'oeuvres représentatives de la littérature moderne. Introduction à la littérature contemporaine. Prérequis: FRANC 235 et un demi-cours de littérature française. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 380 à la Faculté des Arts.

FRANC 395 Littératures et Civilisations francophones

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Panorama d'ensemble d'une ou de plusieurs littératures maghrébines, africaines, antillaises, ou des îles de l'Océan Indien.

FRANC 431 Grammaire comparée du français et de l'anglais

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Étude comparative des systèmes français et anglais sur les plans syntaxique, morphologique, lexical et sémantique. Prérequis: FRANC 262 ou 267 ou l'équivalent. Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 400 à la Faculté des Arts. Note: Ce cours exige une bonne connaissance du français et de l'anglais.

FRANC 432 Stylistique comparée du français et de l'anglais

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Comparaison des moyens d'expression du français et de l'anglais. Introduction à la traduction: théorie et pratique. Travaux d'application. Prérequis: FRANC 262 ou 267 ou l'équivalent. Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour FREN 400 à la Faculté des Arts. Note: Ce cours exige une bonne connaissance du français et de l'anglais; il est recommandé à l'étudiant de suivre auparavant le cours FRANC 431.

FRANC 470 Analyse syntaxique

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Étude approfondie de la structure de la phrase française. Théorie et pratique. Prérequis: FRANC 262 ou 267 ou l'équivalent.

FRANC 475 Stylistique du français

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Initiation aux procédés stylistiques. Prérequis: FRANC 322 ou l'équivalent.

FRANC 480 Choix de sujet

★3 (fi 6) (l'un ou l'autre semestre, 3-0-0). Prérequis: FRANC 225, 235 et ★3 en littérature de niveau 300.

FRANC 482 Choix de sujet

★3 (fi 6) (l'un ou l'autre semestre, 3-0-0). Prérequis: FRANC 225, 235 et ★3 en littérature de niveau 300.

FRANC 484 Création

★3 (fi 6) (l'un ou l'autre semestre, 3-0-0). Théorie et pratique du processus créatif dans l'écriture; introduction aux procédés discursifs de la poésie, du roman et de la pièce de théâtre. Prérequis: FRANC 225, 235 et ★3 en littérature de niveau 300. Ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits en ADRAM 484.

211.109 French Language and Literature

(Division of Romance Languages, Literatures, and Linguistics)
Department of Modern Languages and Comparative Studies
Faculty of Arts

Note: For additional courses related to French Language and Literature, see Romance Linguistics and Romance Literatures listings.

The following table lists renumbered courses effective 1990/91:

Old	New	Old	New
FREN 200	FREN 150	FREN 305	FREN 245
FREN 202	FREN 152	FREN 308	FREN 258
FREN 205	FREN 155	FREN 311	FREN 246
FREN 206	FREN 156	FREN 320	FREN 300
FREN 230	FREN 158	FREN 340	FREN 350
FREN 301	FREN 250	FREN 408	FREN 358
FREN 302	FREN 222	FR CA 332	FR CA 222
FREN 303	FREN 223	FR CA 333	FR CA 223
FREN 304	FREN 244		

211.109.1 Undergraduate Courses**FREN 100 Introductory French**

★6 (fi 12) (full session, 5-0-0). Designed for students with little or no previous background in French. This course covers material in matriculation-level French and allows students to proceed into study of French at the university-level. Normally, students will go from FREN 100 to 150. Note: Not open to students with matriculation in French, i.e. French 30 or equivalent (e.g. French 20S or 20N, etc.). Refer to §14.4.3(1) for all equivalent courses offered in Alberta High Schools. Students from out-of-province should consult the Department Office to determine if any prior French courses taken may be the equivalent of French 30.

FREN 150 First-Year University French

★6 (fi 12) (full session, 3-0-2). Intensive training in spoken and written French, including grammar, composition, and literature. Prerequisite: FREN 100 or French 30 or equivalent. Note: Students with a final grade of 85% or more in French 30N interested in advanced placement may take a placement test to enter FREN 251/252. Students presenting IB French or Langue et Littérature 30 (now French Language Arts 30) should register in FREN 251/252.

FREN 155 French Reading Comprehension

★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 open to students who have successfully completed French courses at the 200-level or higher. Note: Not accepted to meet the requirements in a principal area of concentration.

FREN 156 Further Reading in French

★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 open to students who have successfully completed French courses at the 200-level or higher. Note: Not accepted to meet the requirements in a principal area of concentration.

FREN 246 Readings from French Women Writers

★3 (fi 6) (either term, 3-0-0). Women's writing in France. An overview of problems posed by and dealt with in women's literature of different historical periods. The works are studied in French but the course is given in English. Prerequisite: FREN 150, 152 or 156. Note: Not acceptable to meet concentration requirements in French. Prerequisite: FREN 152 or 250 or consent of Department.

FREN 251 Intermediate University French

★3 (fi 6) (either term, 3-0-2). Prerequisite: FREN 150. Note: Not open for credit to students having credit in either FREN 250 or FRANC 165.

FREN 252 Reading and Writing in French

★3 (fi 6) (either term, 3-0-2). Prerequisite: FREN 150. Note: Not open for credit to students having credit in either FREN 250 or FRANC 166.

FREN 253 Contrastive Analysis of French and English

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 150.

FREN 257 Accelerated Language Course for Honors Students

★3 (fi 6) (either term, 3-0-0). Prerequisite: consent of Department. Note: Not open for credit to students having credit in FREN 258.

FREN 301 Introduction to French Literary Studies

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 251 and 252, or 257. Note: Not open for credit to students having credit in FREN 300.

FREN 320 Introduction to French Literature

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 150 or FREN 156 or consent of Department. Note: Language of instruction is English.

FREN 333 Francophone Cultural Practices

★3 (fi 6) (either term, 3-0-0). Prerequisites: FREN 251 and 252, or 257.

FREN 341 Narrative Literature in French

★3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.

FREN 342 Drama in French

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 301.

FREN 343 Popular Expression in French

★3 (fi 6) (either term, 3-0-0). Prerequisites or corequisites: FREN 251 and 252, or 257.

FREN 344 Literature and Society in French

★3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.

FREN 345 Essay and Idea in French

★3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.

FREN 346 Women Writing in French

★3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.

FREN 351 Advanced Grammar

★3 (fi 6) (either term, 3-0-0). Prerequisites: FREN 251 and 252, or 257. Note: Not open for credit to students having credit in FREN 350 or FRANC 264.

FREN 352 Composition, Style, and Expression

★3 (fi 6) (either term, 3-0-0). Prerequisites: FREN 251 and 252, or 257. Note: Not open for credit to students having credit in FREN 350 or FRANC 264.

FREN 353 Translation: French into English

★3 (fi 6) (either term, 3-0-0). Prerequisites: FREN 251 and 252, or 257. Note: Not open for credit to students having credit in FREN 415.

FREN 361 Introduction to Quebec/French-Canadian Studies

★3 (fi 6) (either term, 3-0-0). Prerequisite or corequisite: FREN 301.

FREN 364 Cultural Practices of Quebec and French Canada

★3 (fi 6) (either term, 3-0-0). Prerequisites: FREN 251 and 252, or 257. Note: Not open for credit to students having credit in FR CA 300 or CA FR 350.

FREN 372 French Phonetics

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 150. Note: Not open for credit to students having credit in R LIN 372.

FREN 375 The Grammatical Structure of French: Word to Phrase; Phrase to Sentence

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 150. Note: Not open for credit to students having credit in R LIN 375.

FREN 390 Introduction to Children's Literature in French

★3 (fi 6) (either term, 3-0-1). A survey of children's literature in French especially designed for future teachers of French. Prerequisite: Any 200- or 300-level French or French-Canadian courses except the 200-level reading courses. Note: Normally restricted to Faculty of Education students. Arts students require permission of the Department to take this course. This course will not fulfil the Language other than English requirement of the BA degree.

FREN 420 Honors Seminar

★variable, (fi variable) (full session, variable). Advanced exercises for Honors students. Prerequisite: consent of the Department.

FREN 432 Topics in Francophone Cultural Practices

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 333.

FREN 442 Text in Context in French

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 301.

FREN 443 Problems in French Literary Studies

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 301.

FREN 454 Translation: English into French

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 351 or 352. Note: Not open for credit to students having credit in FREN 416.

FREN 455 Comparative Stylistics I

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 454 or consent of Department. Note: Not open for credit to students having credit in FREN 400.

FREN 456 Comparative Stylistics II

★3 (fi 6) (either term, 3-0-0). Prerequisite: FREN 455 or consent of Department. Note: Not open for credit to students having credit in FREN 400.

FREN 468 Topics in Quebec/French Canadian Studies★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 301.**FREN 469 Literature and Society in Quebec/French Canadian Studies**★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 301.**FREN 499 Directed Reading**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Designed to meet the needs of individual students. Prerequisite: consent of Department.**FREN 520 Honors Thesis**★variable (*variable*) (full session, 3-0-0). For fourth-year Honors students. Prerequisite: consent of Department.

211.109.2 Graduate Courses

FREN 500 Reading Course★6 (*fi 12*) (full session, 3-0-0). This course is for graduate students who wish to satisfy the language requirement of their Department. An intensive study of essential grammar, reading of graded texts, and translation of texts from the student's own field. Note: Not open to undergraduates.**FREN 501 Teaching Strategies for the Instruction of French**★0 (*fi 1*) (full session)**FREN 515 Intermediate Exercises in Translation: French into English**★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 415. Prerequisite or corequisite: FREN 400.**FREN 516 Intermediate Exercises in Translation: English into French**★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 416. Prerequisite or corequisite: FREN 400.**FREN 525 Studies in Forms and Genres in French Literature**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 526 Studies in French Literary Theory and Criticism**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 529 Studies in Francophone Literature Outside France**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 531 Studies in Medieval French Literature**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 551 Studies in 17th-Century French Literature**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 560 Studies in 18th-Century French Literature**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 585 Studies in 20th-Century French Thought**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 599 Directed Reading**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.**FREN 600 Translation Theories: French-English; English-French**★3 (*fi 6*) (either term, 3-0-0).**FREN 615 Advanced Exercises in Translation: French into English**★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 515 or equivalent. Note: Restricted to students enrolled in the MA in Translation program.**FREN 616 Advanced Exercises in Translation: English into French**★3 (*fi 6*) (either term, 3-0-0). Prerequisite: FREN 516 or equivalent. Note: Restricted to students enrolled in the MA in French Translation program.**FREN 622 Seminar in French Theatre**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).**FREN 626 Seminar in French Literary Criticism**★3 (*fi 6*) (either term, 0-3s-0) or ★6 (*fi 12*) (full session, 0-3s-0).**FREN 627 Seminar in the French Novel**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).**FREN 662 Seminar in 18th-Century Literature**★3 (*fi 6*) (either term, 0-3s-0) or ★6 (*fi 12*) (full session, 0-3s-0).**FREN 680 Seminar in 20th-Century French Literature**★3 (*fi 6*) (either term, 0-3s-0) or ★6 (*fi 12*) (full session, 0-3s-0). Prerequisite: consent of Department.**FREN 690 Master's Seminar in French**★6 (*fi 12*) (full session, 0-3s-0). Note: Open only to students registered in the course-based MA in French/French-Canadian Literature.**FREN 696 Studies in Individual Authors**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).**FREN 697 Special Reading Course**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).**FREN 699 Conference Course**★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).**FREN 900 Directed Research Project**★3 (*fi 6*) (variable, unassigned). Formerly FREN 691.

211.110 Reserved

211.111 Genetics (Biological Sciences)

Department of Biological Sciences
Faculty of Science

Note: See the following sections for listings of other Biological Sciences courses: Biology (BIOL) §211.23; Botany (BOT) §211.26; Entomology (ENT) §211.88; Microbiology (MICRB) §211.158; Zoology (ZOO) §211.239.

211.111.1 Undergraduate Courses

GENET 270 Foundations of Molecular Genetics★3 (*fi 6*) (either term, 3-1.5s-0). Basic concepts on the organization of genetic material and its expression will be developed from experiments on bacteria and viruses. Prerequisite: BIOL 207.**GENET 275 The Genetics of Higher Organisms**★3 (*fi 6*) (either term, 3-0-0). A comprehensive survey of the principles of genetics of eukaryotes. Gene structure and function; Mendelian genetics; cytoplasmic inheritance; cytogenetics; biochemical genetics; somatic cell genetics. Emphasis will be placed on examples from human genetics. Prerequisite: BIOL 207.**GENET 301 Organization of Simple Genomes**★3 (*fi 6*) (first term, 3-0-0). The organization and behavior of DNA (or RNA) in the genomes of viruses, bacteria and organelles, in plasmids and in the chromosomes of lower eukaryotes, from the point of view of its function in the transmission of hereditary information. Prerequisite: GENET 270.**GENET 302 The Eukaryotic Nucleus**★3 (*fi 6*) (second term, 3-0-0). A structure/function analysis of the nature of the eukaryotic nucleus: Kinetic and informational complexity of DNA; chromatin and gene action; the nucleolus; the nuclear matrix; the nuclear membrane; chromosomes in mitosis and meiosis; the spindle; regulation of the cell cycle. Prerequisites: GENET 275, 270 recommended.**GENET 304 Gene Expression and its Regulation**★3 (*fi 6*) (first term, 3-0-0). The molecular biology of the processes by which the base sequence of genes is expressed as cellular phenotype will be examined. Emphasis will be placed upon the similarities and differences between prokaryotes and eukaryotes and upon the mechanisms which regulate the operation of particular genes. Prerequisite: GENET 270.**GENET 364 Plant Genetics**★3 (*fi 6*) (first term, 3-1s-0). A survey of genetic phenomena unique to or characteristic of higher plants, with emphasis on explanation at the molecular level. The relationship between molecular or somatic cell genetics and plant breeding will be discussed. Prerequisite: GENET 270.**GENET 375 Introduction to Molecular Genetics Techniques**★3 (*fi 6*) (second term, 0-1s-6). A laboratory course in which students will be introduced to modern techniques in molecular biology. These will include cytogenetics, recombinant DNA techniques, and methods of genome analysis. Prerequisites: GENET 270, 275, MICRB 265, and a 300-level GENET course. Enrolment is limited, and registration is by permission of the Department.**GENET 390 Gene Manipulation**★3 (*fi 6*) (second term, 3-0-0). In vitro manipulation of genes with an emphasis on applications to biotechnology. Bacterial, yeast, plant, and animal vector systems. Enzymology of DNA manipulation. Electrophoresis of nucleic acids and proteins. Hybridization techniques for the identification of nucleic acids and proteins. Hybridization techniques for the identification of nucleic acid sequences. cDNA and genomic DNA cloning and screening. In vitro mutagenesis. Prerequisite: GENET 270. Prerequisite or corequisite: BIOCH 203 and 205.**GENET 408 Replication, Repair, and Recombination**★3 (*fi 6*) (first term, 3-1s-0). DNA replication, repair, and recombination in prokaryotes and eukaryotes. Origins of DNA variation by mutation. Prerequisites: GENET 301 and 302. Note: This course is normally recommended for fourth-year students.

GENET 412 Genetic Control of Development

★3 (*fi 6*) (first term, 3-1s-0). Gene action during development; identification and analysis of the network of genetic elements regulating developmental decisions. Prerequisites: GENET 302 or 304.

GENET 418 Human Genetics

★3 (*fi 6*) (second term, 3-1s-0). A survey of human genetic variation and mutation in a molecular genetics context. Chromosomal abnormalities, cancer cytogenetics, population genetics, DNA polymorphisms linked to diseases, gene mapping, applications to genetic counselling, ethical issues. Prerequisites: GENET 302 and 280 strongly recommended.

GENET 420 Research Techniques in Molecular Genetics

★6 (*fi 12*) (either term, 0-0-12). A laboratory course emphasizing modern techniques in bacterial and phase genetics, restriction analysis of DNA, and plasmid construction by in vitro recombinant DNA techniques. Prerequisites: GENET 301 and 390. Designed for undergraduate and graduate students in programs with molecular biological orientation.

211.111.2 Graduate Courses

Notes

- (1) All 300 and 400 level courses in the Department of Biological Sciences may be taken for credit by graduate students with approval of the student's supervisor or supervisor committee.
- (2) The following courses may be taken as an option in the Department of Biological Sciences with approval of the student's supervisor or supervisor committee: BIOCH 510, 520, 530, 540, 541, 550, 555, 560; CHEM 361, 363, 461; CELL 300, 301; INT D 371, 372, 421, 452, 455, 464, 543, 544, 545, 551; MA SC 400, 401, 402, 410, 412, 420, 425, 430, 437, 440, 445, 450, 454, 470, 480; MMI 350, 405, 415, 516, 520; NEURO 472, 503; NU FS 363; PALEO 318, 319; PHARM 601.

GENET 500 Advanced Topics in Inheritance and Genome Organization

★3 (*fi 6*) (first term, 1.5-3s-0). Directed study of literature on the discovery of the phenomena of inheritance and their physical correlates within the cell. Notes: (1) Graded on participation in group discussions and on written work and/or examinations based on assigned readings. (2) Scheduling of this course will be subject to modification depending on the requirements of instructors and students.

GENET 508 Graduate Course in Replication, Repair and Recombination

★3 (*fi 6*) (first term, 3-1s-0). DNA replication, repair, and recombination in prokaryotes and eukaryotes. Origins of DNA variation by mutation. Prerequisites: GENET 301 and 302 and consent of Department.

GENET 510 Advanced Topics in Gene Regulation, Development and Medical Genetics

★3 (*fi 6*) (second term, 1.5-3s-0). Directed study of literature on regulation of the phenotypic expression of genes and the manner in which genes direct the process of development. Note: See GENET 500.

GENET 512 Graduate Course in Genetic Control of Development

★3 (*fi 6*) (first term, 3-1s-0). Gene action during development; identification and analysis of the network of genetic elements regulating developmental decisions. Prerequisites: GENET 302 and 304 and consent of Department.

GENET 518 Graduate Course in Human Genetics

★3 (*fi 6*) (second term, 3-1s-0). A survey of human genetic variation and mutation in a molecular genetics context. Chromosomal abnormalities, cancer cytogenetics, population genetics, DNA polymorphisms linked to disease, gene mapping, applications to genetic counseling, ethical issues. Prerequisites: GENET 302 and 208 strongly recommended. Consent of Department.

GENET 601 Genetics Seminars

★3 (*fi 6*) (either term, 0-0-6).

GENET 605 Invited Speaker Seminar Series

★1 (*fi 2*) (either term, 0-1s-0).

211.112 Géographie

Faculté Saint-Jean

211.112.1 Domaine des Arts

GEOGE 150 Organisation de l'activité humaine en fonction de l'espace

★3 (*fi 6*) (premier semestre, 3-0-0). Recherche d'un ordre dans l'occupation de la terre par l'homme et dans la distribution humaine sur terre; les cartes vues en tant que techniques pour comprendre la réalité. Anciennement GEOGE 250.

GEOGE 151 Introduction à la géographie culturelle

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Signification de la distribution

humaine sur la terre. Les relations de l'homme avec son milieu physique; problèmes de la population mondiale; les différentes cultures à travers le monde. Anciennement GEOGE 251.

GEOGE 281 Géographie de la ville

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Origine et extension de l'urbanisation. Problèmes de la croissance dans les zones urbaines et dans les systèmes interurbains. Anciennement GEOGE 381.

GEOGE 354 Géographie de la population

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Structures spatiales, caractéristiques démographiques et culturelles. Leur évolution. Répartition, densité, structures internes, mobilité et croissance de la population étudiées en fonction des diverses situations économiques et sociales.

GEOGE 485 Recherche axée sur des problèmes spéciaux

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Prérequis: un cours de niveau 300 en géographie.

211.112.2 Domaine des Sciences

GEOGE 131 Introduction à la géographie physique II

★3 (*fi 6*) (deuxième semestre, 3-0-3). Notions de climatologie et de biogéographie. Les climats, les sols et la végétation; étude de leurs combinaisons en divers milieux bioclimatiques. Travaux pratiques. Ne peut être pris par les étudiants qui ont des crédits en GEOGE 201. Anciennement GEOGE 231.

211.113 Géologie

Faculté Saint-Jean

GEOLE 102 Géologie physique

★3 (*fi 6*) (premier semestre, 3-0-3). Structure interne et composition de la terre; continents et océans; roches et minéraux; eaux souterraines et approvisionnement en eau, érosion, transport et dépôt de sédiments; activité éruptive et métamorphisme; formation des montagnes; structures tectoniques. Ce cours n'est pas accessible aux étudiants ayant obtenu des crédits en GEOL 201 ou 290. Anciennement GEOLE 202.

211.114 Geophysics

Department of Physics
Faculty of Science

Note: Not all Geophysics courses are offered every year. Students are advised to consult the Department of Physics regarding the courses that will be available in a given year.

211.114.1 Undergraduate Courses

GEOPH 221 Introduction to Geophysics

★3 (*fi 6*) (second term, 3-0-0). The Earth in the solar system; elements of seismology and properties of the Earth's interior; gravity and the shape of the Earth; geomagnetism and plate tectonics; atmospheric and space physics and Sun-Earth interactions; introduction to applications of geophysical methods in environmental monitoring, mineral and petroleum exploration. Prerequisite: MATH 101, 115 or 118 and PHYS 101, 102, 109 or EN PH 131.

GEOPH 223 Environmental Monitoring and Mining Exploration Techniques

★3 (*fi 6*) (first term, 3-0-3). Near surface geophysical techniques; shallow seismic, gravity, radiometric, electrical and electromagnetic methods; environmental monitoring; rock properties; the effect of contaminants on rock properties. Prerequisites: MATH 101, 115 or 118, and PHYS 101, 102, 109, or EN PH 131. Note: Not available to students in Honors or Specialization Physics or Geophysics.

GEOPH 224 Geophysical Exploration Techniques

★3 (*fi 6*) (second term, 3-0-3). Seismic wave propagation; the geological interpretation of seismic reflection and refraction; seismic data processing; the principles of well logging; gravitational and magnetic techniques. Prerequisites: MATH 101, 115 or 118, and PHYS 101, 102, 109 or EN PH 131. Note: Not available to students in Honors or Specialization Physics or Geophysics.

GEOPH 325 Gravity, Magnetic, and Electrical Techniques

★3 (*fi 6*) (either term, 3-0-0). Elementary potential theory as required for gravity, magnetic, electrical, and electromagnetic studies of shallow and deep geological structures; background to pertinent geophysical measurements and to the magnetic, gravitational, and electrical properties of dry and fluid saturated rocks and soils; applications in environmental monitoring and mineral exploration; instrumentation; introduction to the use of computers in the analysis of large geophysical data sets. Prerequisite: PHYS 281 or 285.

GEOPH 326 Refraction and Reflection Seismology

★3 (*fi 6*) (either term, 3-0-0). Use of seismic reflection and refraction methods for petroleum and mineral exploration and environmental monitoring; basic elasticity theory and seismic velocities in earth materials; introduction to seismic imaging, corrections to seismic data, instruments for seismic data acquisition; interpretation of seismic data. Prerequisite: PHYS 281 or 285.

GEOPH 421 Seismology and the Physical Structure of the Earth

★3 (*fi 6*) (either term, 3-0-0). Seismology; infinitesimal strain theory; elastic stress, Hooke's law and elastic constants; solutions to the elastic wave equation in layered media; surface waves, inversion, and normal modes: source mechanisms; structure of the Earth; seismometers. Pre- or corequisite: MATH 300 or 337. Prerequisite: PHYS 281 or 285.

GEOPH 424 Electromagnetic and Potential Field Methods

★3 (*fi 6*) (either term, 3-0-0). Potential theory as applied to gravity, magnetic, and electrical studies; interpretation of field data; theory and application of Maxwell's equations; forward and inverse techniques to obtain model structures. Pre- or corequisite: MATH 300 or 337. Prerequisite: PHYS 281 or 285.

GEOPH 426 Signal Processing in Geophysics

★3 (*fi 6*) (either term, 3-0-0). Application of time series analyses and image processing techniques to large geophysical data sets; sampling of data and problems of aliasing; one and two dimensional Fourier transforms; the Z transformation; spectral analysis, filtering, and deconvolution; continuation of potential fields; migration and imaging of seismic data sets; application of computers in assignments. Pre-/corequisites: MATH 311 and GEOPH 326. Prerequisite: ★3 in Computing Science.

GEOPH 429 Upper Atmosphere and Space Physics

★3 (*fi 6*) (either term, 3-0-0). Generation of the solar wind; the interplanetary plasma and field environment; the solar-terrestrial interaction; magnetospheric substorms; the aurora borealis; magnetosphere-ionosphere interactions; effects of magnetospheric storms on man-made systems; use of natural electromagnetic fields for geophysical exploration. Prerequisite or corequisite: PHYS 381.

GEOPH 437 Application of Methods in Environmental and Exploration Geophysics

★3 (*fi 6*) (either term, 0-0-6). A field trip held before and during the fall term provides electrical, electromagnetic, gravitational, and magnetic data sets for analysis; the data acquired are processed, modelled, and interpreted by the student in a computer workstation laboratory; final results are presented in the form of professional technical reports. Prerequisite: MATH 209, 214, or equivalent. Corequisite: GEOPH 325. Strongly recommended: ★3 in Computing Science.

GEOPH 438 Aspects of Seismic Data Processing

★3 (*fi 6*) (either term, 0-0-6). A previously acquired seismic data set will be corrected, enhanced, and imaged in a computer workstation laboratory. Results obtained by the student will be presented in the format of a series of professional technical reports. Prerequisite: MATH 209, 214, or equivalent. Corequisite: GEOPH 326. Strongly recommended: ★3 in Computing Science.

211.114.2 Graduate Courses

The following undergraduate courses may be taken for credit by graduate students: GEOPH 421, 424, 426, 429, 437, 438.

GEOPH 521 Plate Tectonics and Global Dynamics

★3 (*fi 6*) (either term, 2-1s-0). Spherical kinematics; plate accretion and subduction; transform faults; seismic energy at plate boundaries; geomagnetic reversals and sea-floor spreading; polar wander and continental drift; the Earth's core; thermal energy at plate boundaries and hot-spots: rheology of the lithosphere and asthenosphere; mantle convection; the Earth's electrical structure. Prerequisite or corequisite: GEOPH 421 or consent of Instructor.

GEOPH 612 Paleomagnetism

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 616 Tectonic Theories

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 620 Geophysical Monitoring

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 623 Time Sequence Analysis

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 624 Theoretical Seismology

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 625 Physics of Macroscopic Mixtures

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 628 Topics in Solar-terrestrial Relationships

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 634 Advanced Seismology

★3 (*fi 6*) (either term, 3-0-0).

GEOPH 900 Directed Research Project

★6 (*fi 12*) (either term).

211.115 German

(Division of Germanic Languages, Literatures, and Linguistics)

Department of Modern Languages and

Comparative Studies

Faculty of Arts

Notes

- (1) See also INT D 519 for a course which is offered by more than one department or Faculty and which may be taken as an option or as a course in this discipline.
- (2) See also Scandinavian listings.

211.115.1 Undergraduate Courses**S GERM 100 Beginners' German**

★6 (*fi 12*) (full session, 3-0-2). Designed to lead to mastery of spoken and written German. Note: Not open to students who have successfully completed German 30, GERM 101, or GERM 165.

S GERM 150 First-Year University German

★6 (*fi 12*) (full session, 3-0-2). Designed to develop ability in speaking, reading, and writing German, using modern short stories, cultural readers, and audio-visual aids. Prerequisite: German 30, GERM 100, or the equivalent. Formerly GERM 200.

S GERM 165 Reading German for Beginners

★6 (*fi 12*) (full session, 3-0-0). An intensive course to give beginning students a reading knowledge of German in the sciences, the arts and the humanities. Note: Not available to students who have successfully completed German 30, or GERM 100, or 101. Formerly GERM 215.

S GERM 265 Advanced Reading German

★6 (*fi 12*) (full session, 3-0-0). Reading of advanced texts in the sciences, the arts and the humanities. Systematic discussion of complex constructions which are characteristic of technical and scholarly literature. Note: Students who pass GERM 265 with a grade of 6 or better will be considered by the Department as having fulfilled the reading requirement for German for the PhD at the University of Alberta. Prerequisite: German 30, GERM 100, 101, 165 or their equivalents. Formerly GERM 315.

S GERM 301 Advanced Grammar and Stylistics

★6 (*fi 12*) (full session, 3-0-0). Theoretical and practical study of the more complex areas of German grammar, style, and idiomatic usage. Prerequisites: GERM 150 or consent of Department. Note: Not to be taken after completion of any 400-level German course except with special departmental permission.

GERM 306 German-English Contrastive Phonology

★3 (*fi 6*) (first term, 3-0-0). Phonetic and phonemic analysis of English and German. Contrastive study includes application to teaching and learning. Prerequisite: GERM 150 or consent of Department. Note: This course will not fulfil the Language other than English requirement of the BA degree and cannot be used to fulfil the senior Social Sciences requirement of the BA degree by students with a major or second subject offered by the Department of Germanic Languages.

GERM 307 German-English Contrastive Grammar: The Verbal System

★3 (*fi 6*) (second term, 3-0-0). Comparison of form and function of the verbal system including syntactic features. Prerequisite: GERM 150 or consent of Department. Note: This course will not fulfil the Language other than English requirement of the BA degree and cannot be used to fulfil the senior Social Sciences requirement of the BA degree by students with a major or second subject offered by the Department of Germanic Languages.

GERM 308 German-English Contrastive Grammar: The Nominal System

★3 (*fi 6*) (second term, 3-0-0). Comparison of form and function of the noun, its substitutes and modifiers. Prerequisite: GERM 150 or consent of Department. Note: This course will not fulfil the Language other than English requirement of the BA degree and cannot be used to fulfil the senior Social Sciences requirement of the BA degree by students with a major or second subject offered by the Department of Germanic Languages.

GERM 311 Business German I: Financial and Marketing Aspects

★3 (*fi 6*) (first term, 3-0-0). Readings, discussions, and exercises dealing with the financial and marketing aspects of German business, e.g. advertisements, marketing, banking, postal service, telecommunications. Prerequisite: GERM 150 or consent of Department. Not to be taken by students with credit in GERM 310.

GERM 312 Business German II: Organizational and Legal Aspects

★3 (fi 6) (second term, 3-0-0). Readings, discussions, and exercises dealing with the organizational and legal aspects of German business, e.g. trade, industry, currency, taxes, social security system, budget. Prerequisite: GERM 150 or consent of Department. Completion of GERM 311 is recommended. Not to be taken by students with credit in GERM 310.

GERM 316 Introduction to German Applied Linguistics I: Theoretical Aspects

★3 (fi 6) (first term, 3-0-0). Discussion of concepts in multilingualism, contrastive analysis, sociolinguistics, and pragmalinguistics as related to the study of German. Prerequisite: GERM 150 or consent of Department.

GERM 317 Introduction to German Applied Linguistics II: Practical Aspects

★3 (fi 6) (second term, 3-0-0). Grammar models and their application to language learning and teaching, error analysis, contrastive stylistics, translation, languages for special purposes, and cultural studies. Prerequisite: GERM 150 or consent of Department.

S GERM 321 Modern German Prose: Nietzsche to Kafka

★3 (fi 6) (either term, 3-0-0). Prose works by major German authors from the late 19th and early 20th century in translation. Intended to introduce students both to prominent themes and developments and to methods of literary criticism. Lectures, discussions, and papers in English.

S GERM 322 Modern German Drama: Brecht to Dürrenmatt

★3 (fi 6) (either term, 3-0-0). Major German dramas in translation from the early 20th century to the present. Intended to introduce students both to prominent themes and developments and to methods of literary criticism. Lectures, discussions, and papers in English.

GERM 331 German Culture and Civilization to the 18th Century

★3 (fi 6) (first term, 3-0-0). This survey course deals with highlights of German culture and civilization from Germanic times to the end of the 18th century. Prerequisite: GERM 150 or consent of Department. Not to be taken by students with credit in GERM 330.

GERM 332 German Culture and Civilization from 1806 to 1949

★3 (fi 6) (second term, 3-0-0). This survey course covers the social, cultural, and political history of Germany from the collapse of the Holy Roman Empire in 1806 to the collapse of the "Tausendjährige Reich." Prerequisite: GERM 150 or consent of Department. Not to be taken by students with credit in GERM 330.

GERM 341 German Culture and Civilization from 1945 to 1969

★3 (fi 6) (either term, 3-0-0). Lectures, readings, and discussions of texts relating to the cultural history of the German-speaking countries between the end of World War II and 1969. Prerequisite: GERM 150 or consent of Department. Note: Not to be taken by students with credit in GERM 340.

GERM 342 German Culture and Civilization after 1969

★3 (fi 6) (either term, 3-0-0). Lectures, readings, and discussions of texts relating to the cultural history of the German-speaking countries between 1969 and the present. Prerequisite: GERM 150 or consent of Department. Note: Not to be taken by students with credit in GERM 340.

GERM 351 German Literature to the 18th Century

★3 (fi 6) (first term, 3-0-0). This survey course deals with highlights of German literature from the Germanic times to the 18th century. Prerequisite: GERM 150 or consent of Department. Note: Not to be taken by students with credit in GERM 350.

GERM 352 German Literature from the 19th Century to the Present

★3 (fi 6) (second term, 3-0-0). This survey course deals with highlights of German literature from German Classicism to the present. Prerequisites: GERM 150 or consent of Department. Note: Not to be taken by students with credit in GERM 350.

GERM 406 Introduction to Germanic Linguistics

★3 (fi 6) (first term, 3-0-0). The Germani. Runes, sound shifts and other major features of Germanic languages with emphasis on German. Prerequisite or corequisite: One of GERM 306, 316, 317, or consent of Department.

GERM 407 History of New High German

★3 (fi 6) (either term, 3-0-0). Origin and development of modern standard German. Prerequisite: One of GERM 306, 316, 317, or consent of Department.

GERM 408 Studies in German Grammar

★3 (fi 6) (either term, 3-0-0). Discussion of controversial topics in German pronunciation and grammar. Prerequisite: GERM 306 and one of GERM 307, 308, 316, 317, or consent of Department.

GERM 409 German Dialects

★3 (fi 6) (either term, 3-0-0). A close look at some widely differing German dialects. Basic principles of German dialectology. Prerequisite: One of GERM 306, 316, 317, or consent of Department.

GERM 411 Middle High German I

★3 (fi 6) (first term, 3-0-0). An introduction to the grammar of Middle High

German and to selected literary texts. Prerequisites: GERM 351, plus one of 331, 332, 341, 342, or 352, or consent of Department.

GERM 412 Middle High German II

★3 (fi 6) (second term, 3-0-0). Study of selected literary texts of classical Middle High German. Prerequisite: GERM 411, or consent of Department.

GERM 416 German Applied Linguistics I: Learning German as a Second/Foreign Language

★3 (fi 6) (first term, 3-0-0). The course deals with the principles and processes in structured and unstructured language learning and with the different hypotheses and theories concerning language learning, in particular German. Prerequisite: One of GERM 306, 307, 308, 316, 317, or consent of Department.

GERM 417 German Applied Linguistics II: The Social Context for Using German as a First/Second/Foreign Language

★3 (fi 6) (second term, 3-0-0). This course introduces students to sociolinguistic research with a special focus on learning German. The social status of a language and its effects on a learner, the use of dialects and gender-specific language in English and German will be discussed. Prerequisite: One of GERM 306, 307, 308, 316, 317, 416, or consent of Department.

GERM 425 Literature of the German Enlightenment

★3 (fi 6) (either term, 3-0-0). After a survey of the political and cultural history of the time and the philosophical ideas of German Enlightenment *Aufklärung*, representative works of the period by such authors as Gottsched, Johann Elias Schlegel, Gellert, and Wieland are discussed with particular emphasis on the works of Lessing. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 426 Literature of the German Sturm und Drang

★3 (fi 6) (either term, 3-0-0). This courses deals with a unique German literary movement. It discusses the background and theories of the *Sturm und Drang* period and covers representative works of Herder, Gerstenberg, Hamann, Lenz, Leisewitz, as well as the young Goethe and Schiller. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 430 German Classicism

★variable (fi variable) (variable, 3-0-0). The ideas and literature of German Classicism. Special emphasis on the works of Goethe and Schiller. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 436 Later German Romanticism

★3 (fi 6) (either term, 3-0-0). A survey of major theoretical and poetic works by writers of the later romantic period: Brentano, Hoffman, Eichendorff, Kleist, and Heine, with special attention to the short story and to lyric poetry. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 441 Exercises in Translation: German into English

★3 (fi 6) (either term, 3-0-0). Theory and practice of translation of texts in contemporary and classical German literature. Prerequisite: GERM 301 or consent of Department.

GERM 442 Exercises in Translation: English into German

★3 (fi 6) (either term, 3-0-0). Practice of translations of texts from modern English literature. Prerequisite: GERM 301 or consent of Department.

GERM 453 Modern German Literature

★3 (fi 6) (either term, 3-0-0), ★6 (fi 12) (full session, 3-0-0). German literature since Naturalism: Impressionism, Expressionism, and literature up to 1945 with interpretation of representative works. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department. Note: Not to be taken by students with credit in GERM 451 or 452.

GERM 460 Studies in a Genre

★3 (fi 6) (either term, 3-0-0) or ★6 (fi 12) (full session, 3-0-0). Prerequisites: GERM 352 plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 470 Women in German Literature

★3 (fi 6) (either term, 3-0-0). Selected writings by women and about women from various historical periods and genres. Selected historical periods and texts may vary in any given year. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 475 Studies in German Drama I

★3 (fi 6) (either term, 3-0-0). Major developments in German drama to the early 19th century, with special attention to drama of the Enlightenment, the Storm and Stress, and the Classical Period. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department. Note: Not to be taken by students with credit in GERM 448 or 457.

GERM 476 Studies in German Drama II

★3 (fi 6) (either term, 3-0-0). Major developments in German drama in the 19th and 20th centuries, with special attention to dramas of Realism,

Naturalism, Expressionism, and "epic" and contemporary theatre. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department. Note: Not to be taken by students with credit in GERM 448 or 457.

GERM 480 Studies in German Prose I

★3 (*fi 6*) (either term, 3-0-0). Major developments in German prose through to the late 19th century, with special attention to works representing German Classicism, Romanticism, Realism, and Naturalism. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department. Note: Not to be taken by students with credit in GERM 449 or 456.

GERM 481 Studies in German Prose II

★3 (*fi 6*) (either term, 3-0-0). Major developments in German prose since the late 19th century, with special attention to representative modern and contemporary writers. Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department. Note: Not to be taken by students with credit in GERM 449 or 456.

GERM 485 Studies in German Literature I

★3 (*fi 6*) (either term, 3-0-0). German literary texts from the perspective of a specific topic, theme, or problem (e.g. social unrest and reform, or nationalism). Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 486 Studies in German Literature II

★3 (*fi 6*) (either term, 3-0-0). German literary texts from the perspective of a specific topic, theme, or problem proposed (e.g. heroes, history and rebellion, or modern science and the scientist). Prerequisites: GERM 352, plus one of 331, 332, 341, 342, or 351, or consent of Department.

GERM 497 Special Topics in Germanic Linguistics and Philology

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.

GERM 498 Special Topics in German Literature

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Prerequisite: consent of Department.

GERM 504 Directed Readings for Fourth-Year Honors Students

★3 (*fi 6*) (either term, 0-3s-0).

GERM 505 Honors Essay

★3 (*fi 6*) (second term, 0-3s-0). Required of fourth-year Honors students (except those in the Combined Honors program) and prepared under the supervision of a member of the Department.

211.115.2 Graduate Courses

GERM 500 Reading Course

★6 (*fi 12*) (full session, 3-0-0). This course is designed for graduate students who wish to satisfy the language requirement of their department. An intensive study of essential grammar, reading of graded texts, and translation of texts from the student's own field. Note: Not open to undergraduates.

GERM 506 German-English Contrastive Phonology

★3 (*fi 6*) (either term, 3-0-0).

GERM 507 German-English Contrastive Grammar: The Verbal System

★3 (*fi 6*) (either term, 3-0-0).

GERM 508 German-English Contrastive Grammar: The Nominal System

★3 (*fi 6*) (either term, 3-0-0).

GERM 509 Introduction to Germanic Linguistics

★3 (*fi 6*) (either term, 3-0-0).

GERM 510 History of New High German

★3 (*fi 6*) (either term, 3-0-0).

GERM 513 Studies in German Grammar

★3 (*fi 6*) (either term, 3-0-0).

GERM 514 German Dialects

★3 (*fi 6*) (either term, 3-0-0).

GERM 515 Teaching Strategies for College and University Teachers

★0 (*fi 4*) (full session, 1-0-2).

GERM 516 German Applied Linguistics I: Using German as a First/Second/Foreign Language

★3 (*fi 6*) (either term, 3-0-0). This course deals with German text linguistics and pragmalinguistics. The focus will be on text analyses concerning specific text markers, characteristics, and intentions. The main topics of intercultural *Germanistik* will be discussed.

GERM 517 German Applied Linguistics II: Theory and Practice of Teaching German as a Second/Foreign Language

★3 (*fi 6*) (either term, 3-0-0). This course surveys theories about the principles and processes in teaching German language, literature, culture, and civilization

to adults. The students will be introduced to several theories of grammar, with an emphasis on pedagogical grammars.

GERM 518 German Applied Linguistics I: Learning German as a Second/Foreign Language

★3 (*fi 6*) (either term, 3-0-0).

GERM 519 German Applied Linguistics II: The Social Context for Using German as a First/Second/Foreign Language

★3 (*fi 6*) (either term, 3-0-0).

GERM 531 Middle High German I

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 532 Middle High German II

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 550 Gothic

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 590 Old Saxon

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 593 Bibliography and Methods of Literary Scholarship

★3 (*fi 6*) (first term, 3-0-0).

GERM 604 Studies in Middle High German Lyric Verse

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 605 The Nibelungenlied

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 606 Hartmann von Aue

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 607 Wolfram von Eschenbach

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 609 Gottfried von Strassburg

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 617 Lessing

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 618 Enlightenment

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 622 Goethe

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 624 Schiller

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 625 Romanticism

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 633 Drama of the 19th Century

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 634 Prose of the 19th Century

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 637 Naturalism

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 665 Studies in the German Novel

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 696 Conference Course in Germanic Linguistics and Philology

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 697 Special Topics in Germanic Linguistics and Philology

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 698 Special Topics in German Literature

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0).

GERM 699 Conference courses

★3 (*fi 6*) (either term, 3-0-0) or ★6 (*fi 12*) (full session, 3-0-0). Detailed study of an author, period, genre, or any literary problem not dealt with in the Honors or Graduate courses listed above. Designed to meet the needs of individual students.

GERM 900 Directed Research Project

★6 (*fi 12*) (variable).

211.116 Greek

Department of History and Classics
Faculty of Arts

Notes

- (1) Prerequisite for all 400-level GREEK courses: GREEK 300 or 302, or consent of Department.
- (2) For additional related courses see Classics and Latin listings.

211.116.1 Undergraduate Courses

S GREEK 101 **Beginners' Greek I**

★3 (*fi 6*) (either term, 3-0-1). An introduction to Classical Greek which includes the study of the elements of Greek grammar and the reading of simple texts. Not open to students with credit in matriculation-level Greek or GREEK 100.

S GREEK 102 **Beginners' Greek II**

★3 (*fi 6*) (either term, 3-0-1). A continuation of GREEK 101. Prerequisite: GREEK 101 or consent of Department. Not open to students with credit in GREEK 100.

S GREEK 103 **Intensive Beginning Greek**

★6 (*fi 12*) (full session, 3-0-2). An introduction to Ancient Greek, including the elements of Greek grammar and the reading of simple texts. Not open to students with credit in matriculation Greek or who have successfully completed GREEK 100, or GREEK 101 or 102. Normally offered during intersession only.

S GREEK 301 **Intermediate Greek I**

★3 (*fi 6*) (either term, 3-0-1). Review of grammar, reading of Greek texts; translation of simple sentences from English into Greek. Prerequisite: GREEK 100 or 102, or consent of Department. Not open to students with credit in GREEK 300.

S GREEK 302 **Intermediate Greek II**

★3 (*fi 6*) (either term, 3-0-0). Selections from Greek poetry and prose. Prerequisite: GREEK 301 or consent of Department. Not open to students with credit in GREEK 300.

S GREEK 399 **Readings in Greek Authors**

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: GREEK 300 or 301, or consent of Department.

S GREEK 411 **Greek Grammar and Style**

★3 (*fi 6*) (either term, 3-0-0). Readings from Greek authors and translation from English into Greek.

S GREEK 470 **Greek Historians**

★3 (*fi 6*) (either term, 3-0-0).

S GREEK 474 **Sophocles**

★3 (*fi 6*) (either term, 3-0-0). Note: Not open to students with credit in GREEK 374. Formerly GREEK 374.

S GREEK 475 **Greek Drama**

★3 (*fi 6*) (either term, 3-0-0).

S GREEK 477 **Greek Prose Authors (other than historians)**

★3 (*fi 6*) (either term, 3-0-0). Selections from Plato and Aristotle.

S GREEK 479 **Koine Greek**

★3 (*fi 6*) (either term, 3-0-0). Readings and studies in the New Testament and the Church Fathers and other Koine writings.

S GREEK 481 **Greek Epic**

★3 (*fi 6*) (either term, 3-0-0).

S GREEK 488 **Greek Authors I**

★3 (*fi 6*) (either term, 3-0-0).

S GREEK 489 **Greek Authors II**

★3 (*fi 6*) (either term, 3-0-0).

S GREEK 499 **Individual Study in Greek Authors**

★3 (*fi 6*) (either term, 3-0-0).

211.116.2 Graduate Courses

GREEK 500 Fourth-Year Honors Tutorial

★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: consent of Department.

GREEK 501 Greek Epic and Didactic Poetry

★3 (*fi 6*) (either term, 3-0-0).

GREEK 505 Greek Poetry

★3 (*fi 6*) (either term, 3-0-0).

GREEK 507 Greek Historiography

★3 (*fi 6*) (either term, 3-0-0).

GREEK 509 Greek Prose Writers

★3 (*fi 6*) (either term, 3-0-0).

GREEK 513 Topics in Greek Language

★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: consent of Department.

GREEK 551 Topics in Greek Literature

★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: consent of Department.

GREEK 599 Supervised Reading

★3 (*fi 6*) (either term, 3-0-0).

GREEK 601 Studies in Greek Authors

★3 (*fi 6*) (either term, 0-3s-0). Prerequisites: A Greek 400- or 500-level course and consent of Department.

GREEK 699 Conference Course

★3 (*fi 6*) (either term, 3-0-0).

211.117 **Health Education**

Faculty of Physical Education and Recreation

Note: See also INT D 410 for a course which is offered by more than one department or Faculty and which may be taken as an option or as a course in this discipline.

HE ED 110 Personal Health and Fitness

★3 (*fi 6*) (either term, 3-0-0) An individual-based analysis of physical fitness and personal health issues. Emphasis on planning and managing one's own lifestyle for health and well-being within the context of the current health care system. Open to all students. Formerly HE ED 210.

HE ED 220 Biological Basis of Health Promotion

★3 (*fi 6*) (either term, 3-0-0) A biological analysis of the contributions of physical activity to health. Emphasis on the examination of individual lifestyle behaviors and the biological and physiological consequences of those behaviors for health outcomes. Prerequisite: HE ED 110. Note: Credit will not be granted for both HE ED 220 and the former PESS 110.

HE ED 311 Assessment of Fitness and Health

★3 (*fi 6*) (either term, 3-0-2). Students will gain knowledge in fitness and lifestyle appraisal. Emphasis will be given to validity and reliability of fitness tests and factors involved in the assessment of health and lifestyle. For BPE students only. Prerequisites: PEDS 200 and PEDS 309.

HE ED 320 Social Dimensions of Health Promotion

★3 (*fi 6*) (either term, 3-0-0) An examination of social policies and systems as they affect health and wellbeing. A macro level approach to understanding health and health promotion in communities and the population at large. Specific attention will be paid to worksite, municipal, provincial and federal programs and policies. Prerequisite: HE ED 110 or consent of the Faculty.

HE ED 321 Individual Dimensions of Health Promotion

★3 (*fi 6*) (either term, 3-0-0) An individual-based analysis of health-related behavior and behavior change. Emphasis will be placed upon social psychological approaches to understanding and changing such health-related behaviors as physical activity involvement, dietary practices, smoking, alcohol and drug abuse. Prerequisite: HE ED 110 or consent of Faculty.

211.118 **Health Services Administration and Community Medicine**

Department of Public Health Sciences
Faculty of Medicine and Oral Health Sciences

211.118.1 Graduate Courses

H S A 400 Health and Welfare Delivery Systems

★3 (*fi 6*) (first term, 3-0-0). A review of the development of the Canadian health and welfare system and of its contemporary structure and functions.

H S A 401 Problems and Issues in Health and Welfare Delivery

★3 (*fi 6*) (second term, 3-0-0). An analysis of selected problems in the delivery of health and welfare services.

H S A 420 Structure and Process in Health and Welfare Service Agencies

★3 (*fi 6*) (first term, 3-0-0). An introduction to organizational theory and its application to the management of health and welfare agencies.

H S A 421 Management of Health and Welfare Service Agencies

★3 (*fi 6*) (second term, 3-0-0). Applications of social science theory and research findings to the administration of health and welfare agencies. Lectures and field projects.

H S A 430 Methods and Statistics in Health Services Administration I

★3 (*fi 6*) (first term, 3-0-0). An introduction to statistical models and research design as they relate to research and decision making in health service agencies.

H S A 431 Methods and Statistics in Health Services Administration II

★3 (*fi 6*) (second term, 3-0-0). An introduction to basic methodological procedures fundamental to research and decision making in health services administration.

H S A 435 Survey of Epidemiology

★3 (*fi 6*) (first term, 3-0-0). An introduction to the principles of epidemiology and the sources of data concerning the etiology and prevention of disease, with special reference to the planning of health programs.

H S A 450 Health Services Accounting and Finance

★3 (*fi 6*) (either term, 3-0-0). An introduction to managerial accounting with emphasis on understanding financial statements and their interpretation. This course will include budgeting and other managerial control techniques in the health care field.

H S A 460 Information Systems and Data Management in Health Services Administration

★3 (*fi 6*) (either term, 3-0-0). Introduction to computer systems, data structure, and computer files; use of packaged programs for efficient file management and data analysis; issues in health information systems and problem oriented medical information systems; review of selected hospital and other health information systems.

H S A 471 Application of Economic Principles to Health Services Administration

★3 (*fi 6*) (second term, 3-0-0). A survey of health care economic theory and empirical studies. Topics and areas covered include (a) demand, supply, and utilization; (b) production and costs; (c) resource allocation in health care labor markets; (d) selected facets of health care planning; and (e) benefit-cost analysis. The empirical studies examined in this course require an understanding of simple and multiple regression techniques.

H S A 521 Advanced Health Services Administration

★3 (*fi 6*) (second term, 3-0-0). A study of the application of principles and procedures reviewed in H S A 520 to problems of health service management.

H S A 530 Statistics for Health Services Administration

★3 (*fi 6*) (first term, 3-0-0). Intermediate level coverage of statistical methods for health services planning and research as applied to administrative planning, research, and problem solving in health service agencies. Prerequisite: H S A 431 or equivalent.

H S A 531 Research Methods in Health Services Administration

★3 (*fi 6*) (second term, 3-0-0). An overview of research needs, priorities, and approaches in health services planning and research. Emphasis on a practical, systematic and valid approach to improving the quality and quantity of health and welfare services. Prerequisite: H S A 530.

H S A 541 Statistical Methods for Health Services Manager and Administrators

★3 (*fi 6*) (second term, 3-0-0). An intermediate level of statistical methodologies applied to health services management problems. Computer based spreadsheets and statistical packages are used in solving managerial problems. A background in introductory statistics is required for this course.

H S A 550 Health Services Finance

★3 (*fi 6*) (first term, 3-0-0). Cost accounting and budget applications in health and welfare service agencies. Methods of formulating and implementing organization policy in the context of contemporary health and welfare financial structures and policies.

H S A 551 Problems and Issues in Health Services Finance

★3 (*fi 6*) (second term, 3-0-0). Critical analysis of selected issues and problems in health and welfare services finance.

H S A 560 Systems Analysis and Planning in Health Services Administration

★3 (*fi 6*) (first term, 3-0-0). Systems approach and management science, classification of patients and hospitals, hospital service population, survey designs and forecasting methods.

H S A 561 Operations Analysis and Planning in Health Services Administration

★3 (*fi 6*) (second term, 3-0-0). Operations research in the health care field: decision analysis, mathematical programming as applied to resource allocation and scheduling, elements of games theory as related to labor relations; queuing models and simulation techniques in planning and administration of health care delivery.

H S A 570 Health Care Economics

★3 (*fi 6*) (first term, 3-0-0). Methods of allocating resources to the health care sector of the economy. The role of individuals and organizations in the decision process.

H S A 571 Problems and Issues in Health Care Economics

★3 (*fi 6*) (second term, 3-0-0). Critical review and discussion of contemporary issues and problems in Canadian health care economics.

H S A 580 Health Planning Methods

★3 (*fi 6*) (either term, 3-0-0). This course is designed to provide the students with an understanding of the scientific method of strategic planning in health care organizations and its place as the foundation of the health care planning process.

H S A 600 Seminar on Policy and Planning Issues in Canadian Health and Social Services

★3 (*fi 6*) (first term, 0-3s-0). Canadian health and social service policy and planning issues are analyzed in an international context.

H S A 601 Project on Policy and Planning in Canadian Health and Social Services

★3 (*fi 6*) (second term, 0-3s-0). A field project devoted to the development of a long-term strategic plan for a health or social services agency.

H S A 636 Critical Appraisal of Health Sciences Literature

★3 (*fi 6*) (second term, 3-0-0). Enables students to become better health service administrators by increasing their skills in the evaluation of the health sciences literature.

H S A 900 Directed Research Project

★6 (*fi 12*) (variable). Preparation of a major research paper under Faculty supervision.

211.119 Hebrew

(Division of Comparative Studies in Literature, Film, and Religion)
Department of Modern Languages and Comparative Studies
Faculty of Arts

Note: See also courses in Biblical Hebrew under Religious Studies listing.

HEB 499 Problems and Topics in Hebrew Language and/or Literature

★3 (*fi 6*) (either term, 0-3s-0) or ★6 (*fi 12*) (full session, 0-3s-0). Prerequisite: consent of Department.

211.120 Reserved**211.121 Histoire**

Faculté Saint-Jean

HISTE 120 Histoire du monde depuis le XVIII^e siècle

★6 (*fi 12*) (sur deux semestres, 3-0-0). Cours de base du BA de 4 ans. Anciennement HISTE 220.

HISTE 260 Introduction à l'étude de l'histoire du Canada de 1500 à 1867

★3 (*fi 6*) (premier semestre, 3-0-0). Conçu pour servir de base aux cours de niveau supérieur en histoire canadienne. Auparavant HISTE 278; ce cours n'est pas accessible aux étudiants ayant des crédits pour HISTE 278. Anciennement HISTE 360.

HISTE 261 Introduction à l'étude de l'histoire du Canada de 1867 à nos jours

★3 (*fi 6*) (deuxième semestre, 3-0-0). Conçu pour servir de base aux cours de niveau supérieur en histoire canadienne. Auparavant HISTE 279; ce cours n'est pas accessible aux étudiants ayant des crédits pour HISTE 279. Anciennement HISTE 361.

HISTE 360 Choix de sujets en histoire du Canada

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0).

HISTE 366 L'Ouest canadien depuis 1870

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0).

HISTE 374 Le Canada français jusqu'à la Confédération

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). L'évolution du Canada français étudiée dans sa globalité: économie, société, vie politique.

HISTE 375 Le Canada français depuis la Confédération

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). L'évolution du Canada français étudiée dans sa globalité: économie, société, vie politique.

HISTE 380 La francophonie hors-Québec et son histoire

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). La formation et l'évolution des communautés francophones hors-Québec, de l'établissement de l'Acadie à nos jours. Anciennement HISTE 399.

HISTE 397 Histoire de la science I

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Introduction au développement de la science, du point de vue intellectuel, institutionnel et idéologique, d'Aristote à la "Révolution scientifique." Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour HUME 301; ni pour ceux ayant des crédits en HIST 304 jusqu'en 1989-90 ou HIST 396 de 1990-91 à aujourd'hui.

HISTE 398 Histoire de la science II

★3 (*fi 6*) (l'un ou l'autre semestre, 3-0-0). Introduction au développement de la science, du point de vue intellectuel, institutionnel et idéologique, de Newton à nos jours. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour HUME 303; ni pour ceux ayant des crédits en HIST 304 jusqu'en 1989-90 ou HISTE 396 de 1990-91 à aujourd'hui.

HISTE 460 Thèmes d'histoire du Canada

★3 (*fi 6*) (l'un ou l'autre semestre, 0-3s-0). Prérequis: 1 cours complet d'histoire du Canada.

HISTE 470 Thèmes en histoire sociale canadienne

★3 (fi 6) (l'un ou l'autre semestre, 0-3s-0). Prérequis: un cours antérieur en histoire du Canada ou l'accord du Vice-doyen aux affaires académiques. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour HUME 402.

HISTE 471 Thèmes en histoire intellectuelle canadienne

★3 (fi 6) (l'un ou l'autre semestre, 0-3s-0). Prérequis: un cours antérieur en histoire du Canada ou l'accord du Vice-doyen aux affaires académiques. Note: ce cours n'est pas accessible aux étudiants ayant ou postulant des crédits pour HUME 402.

HISTE 475 Thèmes d'histoire du Canada français au XXe siècle

★3 (fi 6) (l'un ou l'autre semestre, 0-3s-0). Plus particulièrement l'histoire de la francophonie hors-Québec. Prérequis: 1 cours complet d'histoire du Canada.

211.122 History

Department of History and Classics
Faculty of Arts

The courses listed below represent an extensive reorganization and modification of the Department's offerings. Because of changes in course numbers and/or content, students should compare their new course selections with courses previously taken, so as to avoid duplication or overlap. For Ancient History, see Classics listing.

Notes

- (1) See also INT D 346, 475, and 498 for courses which are offered by more than one department or Faculty and which may be taken as options or as a course in this discipline.
- (2) 400-level courses are normally conducted as seminars; all are variable content courses and the precise topics covered in any given course may vary from year to year. Some account, therefore, may be taken of the particular interests of students within the framework of the course. Normally, students who take these courses are expected to have at least ★12 in History; if they do not, they must obtain the consent of Department prior to their registration, and the Department will consider their special needs. For some courses there are additional specified requirements.
- (3) HIST 100, 110, and 120 are designed to provide a foundation for senior and advanced history courses, and also background for studies in related humanities and social sciences.

The following table lists renumbered courses effective 1990/91:

Old	New	Old	New
HIST 200	HIST 100	HIST 340	HIST 231
HIST 220	HIST 120	HIST 339	HIST 320
HIST 300	HIST 200	HIST 343	HIST 232
HIST 301	HIST 204	HIST 344	HIST 332
HIST 302	HIST 205	HIST 345	HIST 333
HIST 303	HIST 206	HIST 347	HIST 337
HIST 304	HIST 396	HIST 348	HIST 338
HIST 308	HIST 302	HIST 350	HIST 250
HIST 310	HIST 301	HIST 351	HIST 251
HIST 313	HIST 211	HIST 360	HIST 260
HIST 316	HIST 215	HIST 361	HIST 261
HIST 318	HIST 217	HIST 382	HIST 392
HIST 319	HIST 299	HIST 384	HIST 395
HIST 320	HIST 305	HIST 386	HIST 393
HIST 321	HIST 306	HIST 388	HIST 385
HIST 328	HIST 308	HIST 389	HIST 382
HIST 330	HIST 312	HIST 391	HIST 241
HIST 331	HIST 313	HIST 392	HIST 242
HIST 334	HIST 315	HIST 396	HIST 246
HIST 335	HIST 316	HIST 397	HIST 247
HIST 336	HIST 317	HIST 398	HIST 298
HIST 338	HIST 318	HIST 498	HIST 500

The following table lists renumbered courses effective 1991/92:

Old	New	Old	New
HIST 409	HIST 494	HIST 441	HIST 431
HIST 411	HIST 407	HIST 442	HIST 432
HIST 412	HIST 408	HIST 443	HIST 433
HIST 413	HIST 402	HIST 444	HIST 434
HIST 415	HIST 403	HIST 447	HIST 437
HIST 416	HIST 404	HIST 454	HIST 457
HIST 423	HIST 410	HIST 455	HIST 458
HIST 432	HIST 415	HIST 459	HIST 453
HIST 433	HIST 416	HIST 493	HIST 341
HIST 434	HIST 417	HIST 494	HIST 342
HIST 435	HIST 418	HIST 495	HIST 441
HIST 436	HIST 419	HIST 496	HIST 442
HIST 439	HIST 425	HIST 497	HIST 446
HIST 440	HIST 430		

211.122.1 Undergraduate Courses**S HIST 110 The Pre-Modern World**

★3 (fi 6) (either term, 3-0-0). World history from the end of the 6th century to the 15th century. Note: Students choosing HIST 110 for partial fulfilment of the Humanities Group A requirement must also take one of CLASS 110, HIST 111 or HIST 112.

S HIST 111 The Early Modern World

★3 (fi 6) (either term, 3-0-0). World history from the 15th century through the 18th century. Note: Students choosing HIST 111 for partial fulfilment of the Humanities Group A requirement must also take one of CLASS 110, HIST 110, or HIST 112. Not open to students with credit in HIST 110 up to 1996-97.

S HIST 112 The Modern World

★3 (fi 6) (either term, 3-0-0). The world since the beginning of the 19th century. Note: Students choosing HIST 112 for partial fulfilment of the Humanities Group A requirement must also take one of CLASS 110, HIST 110, or HIST 111. Not open to students with credit in HIST 120.

S HIST 120 World History Since the 18th Century

★6 (fi 12) (full session, 3-0-0). Core course for the four-year BA.

S HIST 202 Social and Economic History of Medieval Europe

★3 (fi 6) (either term, 3-0-0).

S HIST 205 An Introduction to Modern Intellectual History

★3 (fi 6) (either term, 3-0-0). A survey of major trends in European intellectual history since the Enlightenment.

S HIST 206 Introduction to the History of Women in Europe

★3 (fi 6) (either term, 3-0-0). This course is an introduction to the study of women's history. It will examine the position of women in Western societies from the Middle Ages to the 20th century.

S HIST 207 Europe in the Central Middle Ages

★3 (fi 6) (either term, 3-0-0). Charlemagne to the 12th century.

S HIST 208 Europe in the later Middle Ages

★3 (fi 6) (either term, 3-0-0). The 12th to the 15th century.

S HIST 209 Early Modern Europe

★3 (fi 6) (either term, 3-0-0). The Renaissance to the Enlightenment.

S HIST 210 Europe in the 19th and 20th Centuries

★3 (fi 6) (either term, 3-0-0).

S HIST 228 British History I

★3 (fi 6) (either term, 3-0-0). A survey of the history of the British Isles to 1688. Not open to students with credit in HIST 230.

S HIST 229 British History II

★3 (fi 6) (either term, 3-0-0). A survey of the history of the British Isles from 1688 to the present. Not open to students with credit in HIST 230.

S HIST 231 Scotland from Early Times to the Present Day

★3 (fi 6) (either term, 3-0-0). A survey of the history of Scotland from the Reformation to the present.

S HIST 232 Ireland from Early Times to the Present Day

★3 (fi 6) (either term, 3-0-0). A survey of the history of Ireland from St Patrick to the present.

S HIST 238 The Second British Empire and the Commonwealth Experience in the 19th and 20th Century

★3 (fi 6) (either term, 3-0-0). Note: Not open to students with credit in HIST 349 prior to 1989-90.

S HIST 241 Colonial Latin America

★3 (fi 6) (either term, 3-0-0). A survey of Latin American history to 1810.

S HIST 242 Modern Latin America

★3 (fi 6) (either term, 3-0-0). A survey of Latin American history since 1810.

S HIST 246 Africa in the Era of Empires and Slaves

★3 (fi 6) (either term, 3-0-0). African history to the 19th century.

S HIST 247 Africa: From Colonialism to Revolution

★3 (fi 6) (either term, 3-0-0). African history since the 19th century.

S HIST 250 American History to 1865

★3 (fi 6) (either term, 3-0-0). A survey of United States history from colonial times to the Civil War.

S HIST 251 American History Since 1865

★3 (fi 6) (either term, 3-0-0). A survey of United States history from the Civil War to the present.

S HIST 260 An Introduction to the Study of Canadian History 1500-1867

★3 (fi 6) (first term, 3-0-0). Note: Formerly HIST 278. Not open to students with credit in HIST 278.

S HIST 261 An Introduction to the Study of Canadian History 1867 to the Present

★3 (fi 6) (second term, 3-0-0). Note: Formerly HIST 279. Not open to students with credit in HIST 279.

S HIST 280 East Asia to 1500

★3 (*fi 6*) (either term, 3-0-0). A survey of history of East Asia (China, Korea, Japan, Vietnam) to 1500.

S HIST 281 East Asia from 1500

★3 (*fi 6*) (either term, 3-0-0). A survey of the history of East Asia (China, Korea, Japan, Vietnam) from 1500 to the present.

S HIST 290 Introduction to History as a Discipline

★3 (*fi 6*) (either term, 2-1s-0). An introduction to the basic concepts of historical inquiry and techniques of research and writing in History. Recommended for History majors. Prerequisite: A previous course in History and/or consent of Department.

S HIST 294 An Introduction to the History of Sciences, Technology, and Medicine

★3 (*fi 6*) (either term, 3-0-0). A broad survey of topics in the history of science, technology, and medicine.

S HIST 297 The History of Christianity

★3 (*fi 6*) (either term, 3-0-0). A lecture and discussion course about the development of one of the leading religious traditions in the world. Not open to students who have successfully completed CHRTC 297.

S HIST 298 History of Human Conflict

★6 (*fi 12*) (full session, 3-0-0). A history of the various facets of warfare and the causes and consequences of conflict. A variety of historical periods may be covered. Note: Not open to students with credit in HIST 300 (1983/84 to 1986/87). Formerly HIST 300.

S HIST 299 History of Modern International Relations

★6 (*fi 12*) (full session, 3-0-0). Note: Formerly HIST 303. Not open to students with credit in HIST 303 (1983/84 to 1986/87).

S HIST 300 Topics in European History

★3 (*fi 6*) (either term, 3-0-0).

S HIST 301 Early Medieval Europe 338–1050

★3 (*fi 6*) (either term, 3-0-0).

S HIST 302 European Intellectual History from the Enlightenment

★3 (*fi 6*) (either term, 0-3s-0). A survey of major political, socio-economic ideas and movements since the Enlightenment.

S HIST 303 European Intellectual History Since the Late 19th Century

★3 (*fi 6*) (either term, 0-3s-0).

S HIST 304 Reform, Revolt, and Revolution: Europe 1300–1800

★3 (*fi 6*) (either term, 3-0-0). This course will examine and compare ecclesiastical and political reform movements, agricultural and urban revolts, peasant uprisings, the Reformation, Dutch Revolt, and English, American, and French 'Revolutions.'

S HIST 305 France in Revolution, 1760–1870

★3 (*fi 6*) (either term, 3-0-0). An introduction to the history of France from the origins of the French Revolution to the downfall of Napoleon III.

S HIST 306 France since 1870

★3 (*fi 6*) (either term, 3-0-0). An introduction to the political, economic and social developments in France from the Third to Fifth Republic.

S HIST 308 Germany since Frederick the Great

★3 (*fi 6*) (either term, 3-0-0). A survey of modern German history since Frederick the Great (1740).

S HIST 311 History of the Byzantine Empire

★3 (*fi 6*) (either term, 3-0-0).

S HIST 312 Foundations of East European History

★3 (*fi 6*) (first term, 3-0-0). The ethnic, religious, social, and political factors which shaped the development of the peoples of East Central Europe from the Middle Ages through the Age of Enlightenment.

S HIST 313 Eastern Europe in the 19th Century

★3 (*fi 6*) (either term, 3-0-0). History of the area, from the Napoleonic War to World War I; the Polish question; the evolution of the Habsburg Empire; formation of the nation-states in the Balkans.

S HIST 314 Eastern Europe since World War I

★3 (*fi 6*) (either term, 3-0-0). The recent history of Eastern Europe.

S HIST 315 Foundations of Ukrainian History

★3 (*fi 6*) (either term, 3-0-0). The social, political and cultural development of Ukrainian lands from prehistory through the Enlightenment. Note: Not open to students who have credit in HIST 333.

S HIST 316 19th-Century Ukraine

★3 (*fi 6*) (second term, 3-0-0). The Ukrainian people in the Russian and Austro-Hungarian empires. From serfdom to capitalism. The national movement and the making of the modern nation.

S HIST 317 20th-Century Ukraine

★3 (*fi 6*) (second term, 3-0-0). World War I and the emergence of the Ukrainian Republic. Ukrainian lands in the USSR and Poland during the interwar period. World War II and Nazi occupation. Soviet Ukraine since 1945.

S HIST 318 Medieval and Imperial Russia

★6 (*fi 12*) (full session, 3-0-0). Medieval and Imperial Russia with an Epilogue on the Revolutions of 1917. Note: Not permitted for students who have taken HIST 323 or 325. Formerly part of HIST 323 and 325.

S HIST 320 The Soviet Union

★6 (*fi 12*) (full session, 3-0-0). A historical survey of domestic and foreign policy since 1917.

S HIST 329 The Forming of England

★3 (*fi 6*) (either term, 3-0-0). This course focuses on the period from the breakup of Roman Britain in the Fifth century to the end of the reign of Henry II (1189), during which England emerged as a strong, centralized monarchy with a distinctive culture and society. Note: Formerly part of HIST 330/342. Students who have credit in HIST 342 prior to 1990-91, or HIST 330 prior to 1991-92, may not take HIST 329 for credit.

S HIST 331 England During the Later Middle Ages

★3 (*fi 6*) (either term, 3-0-0). This course focuses on the political, social, economic, and cultural transformation of England from the end of the reign of Henry II (1189) to the beginning of the Tudor period (1485). Note: Formerly part of HIST 330/342. Students who have credit in HIST 342 prior to 1990-91, or HIST 330 prior to 1991-92, may not take HIST 331 for credit.

S HIST 332 Tudor Britain

★3 (*fi 6*) (either term, 3-0-0).

S HIST 333 Stuart Britain

★3 (*fi 6*) (either term, 3-0-0).

S HIST 334 Hanoverian Britain, 1688–1789

★3 (*fi 6*) (either term, 3-0-0).

S HIST 337 The Industrial Revolution in Britain

★3 (*fi 6*) (either term, 3-0-0). The main focus of this survey will be on the social and economic development of Britain during the Industrial Revolution, 1750-1850; concomitant changes in the politics and intellectual climate. Note: Not open to students with credit in ECON 312.

S HIST 338 Britain as a World Power

★3 (*fi 6*) (either term, 3-0-0). A survey from the end of the Napoleonic Wars to the mid-twentieth century.

S HIST 341 Land and Labor in Latin America

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: HIST 241/242 or consent of Department.

S HIST 342 Political and Social Revolution in Latin America

★3 (*fi 6*) (either term, 3-0-0). Prerequisite: HIST 241/242 or consent of Department.

S HIST 346 Change and Continuity in 19th Century Africa

★3 (*fi 6*) (either term, 3-0-0). The course will explore social, economic, and political changes during a century which saw the ending of the international slave trades and the beginnings of European colonialism. No prerequisite but HIST 246/396 is recommended.

S HIST 350 Comparative American and Canadian History

★3 (*fi 6*) (either term, 3-0-0).

S HIST 351 History of Women in the United States

★3 (*fi 6*) (either term, 3-0-0). A survey of US women's history from the colonial period to the present.

S HIST 352 History of American Minorities

★3 (*fi 6*) (either term, 3-0-0).

S HIST 353 History of American Medicine

★3 (*fi 6*) (either term, 3-0-0). This course surveys the history of health care and health practitioners in the United States from the colonial era to the present.

S HIST 354 American Economic History

★3 (*fi 6*) (either term, 3-0-0). A survey of American economic problems and policies in their historical setting.

S HIST 355 History of US Foreign Relations

★3 (*fi 6*) (either term, 3-0-0). A survey of the international issues in the American past and the factors influencing the formation and application of US policy. Prerequisite: HIST 250/251 or consent of Department.

S HIST 357 American Colonial History

★3 (*fi 6*) (either term, 3-0-0). A survey of American colonial history from settlement to independence.

S HIST 359 20th-Century America

★3 (*fi 6*) (either term, 3-0-0). Emphasis on the relation between the nature of the modern political system in the United States and major social problems. Prerequisite: Any course in American history or consent of Department.

S HIST 360 Topics in Canadian History

★3 (*fi 6*) (either term, 3-0-0).

S HIST 361 The Military History of Canada

★3 (*fi 6*) (either term, 3-0-0). A survey of Canadian armed conflicts from the

Iroquois Wars to the Gulf War; the emphasis will be on the evolution of weapons, tactics and military organization.

S HIST 363 Topics in the History of Canadian External Relations
★3 (fi 6) (either term, 3-0-0). A survey of the impact of the United States and Great Britain on Canadian development. Formerly HIST 377.

S HIST 364 The History of Social Welfare in Canada
★3 (fi 6) (either term, 3-0-0). A lecture course which examines the development of the welfare state in Canada from an historical perspective.

S HIST 365 The Canadian West to 1870
★3 (fi 6) (first term, 3-0-0). A lecture course emphasizing the history of the prairie west but dealing as well with westward expansion and the north and with the trans-mountain west.

S HIST 366 The Canadian West since 1870
★3 (fi 6) (either term, 3-0-0).

S HIST 367 The History of Ukrainians in Canada
★3 (fi 6) (either term, 3-0-0).

S HIST 368 The Native Aspect of Canada's History I
★3 (fi 6) (either term, 3-0-0). Canada's history as it relates to its native people before 1830. Prerequisite: ★3 in Canadian history; ANTHR 350 or 355 strongly recommended.

S HIST 369 The Native Aspect of Canada's History II
★3 (fi 6) (either term, 3-0-0). Canada's history as it relates to its native people since 1830. Prerequisite: ★3 in Canadian history; ANTHR 350 or 355 strongly recommended.

S HIST 371 The History of Women in Canadian Society
★3 (fi 6) (either term, 3-0-0). Canadian women as affected by, and as contributing to the major social changes of the 19th and twentieth centuries.

S HIST 372 History of Criminal Justice in Canada
★3 (fi 6) (either term, 3-0-0). The evolution of the major institutions of the criminal justice system: criminal law; the courts; police and prisons. Note: This course is intended primarily for students in the BA (Special) in Criminology program but is open to other interested students.

S HIST 374 French Canada to Confederation
★3 (fi 6) (either term, 3-0-0).

S HIST 375 French Canada Since Confederation
★3 (fi 6) (either term, 3-0-0).

S HIST 376 Canada—World War I to World War II
★3 (fi 6) (either term, 3-0-0). Note: Formerly part of HIST 376 (History of Canada since 1914).

S HIST 377 Canada since World War II
★3 (fi 6) (either term, 3-0-0). Note: Formerly part of HIST 376 (History of Canada since 1914).

S HIST 378 History of Canada from Confederation to the First World War
★3 (fi 6) (either term, 3-0-0).

S HIST 379 A Survey of Canadian Urban History
★3 (fi 6) (either term, 3-0-0). A survey of Canadian urban history.

S HIST 381 Japan to 1868
★3 (fi 6) (either term, 3-0-0).

S HIST 382 Japan's Modern Century
★3 (fi 6) (either term, 3-0-0). The history of Japan since 1868 dealing with Japan's total modernizing experience: social, political, economic and technological development. Motivations, policies, obstacles and achievements are emphasized.

S HIST 383 The Civilization and Culture of Early China
★3 (fi 6) (either term, 3-0-0). This course focuses on the formative periods of Chinese civilization from prehistory to circa 600. Note: Formerly part of HIST 383 (★6). Students who have credit in HIST 383 (★6) may not take HIST 383 (★3) for credit.

S HIST 385 20th-Century China
★3 (fi 6) (either term, 3-0-0). The history of China from the Boxer Revolt to the present.

S HIST 386 History of Science and Technology in China
★3 (fi 6) (either term, 3-0-0). The development of science and technology in China from earliest times to the present.

S HIST 387 Canada's Relations with East Asia
★3 (fi 6) (either term, 3-0-0). A survey of Canada's contacts with China, Japan, Korea, and Vietnam from the mid-19th century to the present.

S HIST 390 Imperial China from circa 600 to 1911
★3 (fi 6) (either term, 3-0-0). This course focuses on the institutional and social history of imperial China from the T'ang to the Manchu Ch'ing dynasties. Note: Formerly part of HIST 383 (★6). Students who have credit in HIST 383 (★6) may not take HIST 390 for credit.

S HIST 396 History of Medicine I
★3 (fi 6) (either term, 3-0-0). An introduction to European medicine from Hippocrates to William Harvey. Note: Not open to students with credit in HIST 296.

S HIST 397 History of Science I
★3 (fi 6) (either term, 3-0-0). An introduction to the intellectual, institutional, and ideological development of science, from Aristotle to the 'Scientific Revolution.' Note: Not open to students with credit in HIST 304 up to 1989/90 or HIST 396 from 1990/91 to 1992/93.

S HIST 398 History of Science II
★3 (fi 6) (either term, 3-0-0). An introduction to the intellectual, institutional, and ideological development of science, from Newtonianism to the present day. Note: Not open to students with credit in HIST 304 up to 1989/90 or HIST 396 from 1990/91 to 1992/93.

S HIST 399 History of Medicine II
★3 (fi 6) (either term, 3-0-0). An introduction to the changing content, practice, and organization of European medicine since 1700. Note: Not open to students with credit in HIST 297.

S HIST 402 Women in Modern European History
★3 (fi 6) (either term, 0-3s-0).

S HIST 403 Topics in Medieval European History
★3 (fi 6) (either term, 0-3s-0).

S HIST 404 Topics in the Renaissance and Reformation
★6 (fi 12) (full session, 0-3s-0).

S HIST 406 Topics in European History Since the Second World War
★3 (fi 6) (either term, 0-3s-0).

S HIST 407 Topics in the Intellectual History of Europe Since 1800
★3 (fi 6) (either term, 0-3s-0).

S HIST 408 Topics in the Intellectual History of Europe Since the Late 19th Century
★3 (fi 6) (either term, 0-3s-0).

S HIST 409 Topics in the History of France Before 1789
★3 (fi 6) (either term, 0-3s-0). Note: Not open to students with credit in HIST 420, 421 or 422 prior to 1991-92.

S HIST 410 The French Revolution
★3 (fi 6) (either term, 0-3s-0).

S HIST 411 Topics in the History of Modern France
★3 (fi 6) (either term, 0-3s-0). Note: Not open to students with credit in HIST 424 or 426 prior to 1991-92.

S HIST 414 Topics in the History of Modern Germany
★3 (fi 6) (either term, 0-3s-0). Not open to students with credit in HIST 429, 430 or 431 prior to 1991-92.

S HIST 415 Topics in Ukrainian History
★3 (fi 6) (either term, 0-3s-0).

S HIST 416 Topics in Eastern European History
★3 (fi 6) (either term, 0-3s-0).

S HIST 417 The Intellectual History of Russia Since 1762
★3 (fi 6) (either term, 0-3s-0).

S HIST 418 Topics in Russian History from Kievan Times to the Present
★3 (fi 6) (either term, 0-3s-0).

S HIST 419 Topics in Soviet History
★3 (fi 6) (either term, 0-3s-0).

S HIST 420 Topics in the History of Early Modern Europe
★3 (fi 6) (either term, 0-3s-0). Thematic studies in European cultural, religious, and social history emphasizing popular culture and religion.

S HIST 421 Topics in the History of Europe
★3 (fi 6) (either term, 0-3s-0).

S HIST 425 Imperial Vienna from Mozart to Freud, 1750–1918
★6 (fi 12) (Intersession, 3-6s-6). A history of the Habsburg Monarchy in the modern era, with special focus on the imperial capital, Vienna. Prerequisite: One course in European history or consent of Department. A knowledge of German, though useful, is not required. Note: This course is given in Vienna during the Intersession only. Those interested may obtain more information from the History Department.

S HIST 429 Topics in British History
★3 (fi 6) (either term, 0-3s-0).

S HIST 430 Topics in the History of Anglo-Saxon England
★3 (fi 6) (either term, 0-3s-0).

S HIST 431 Topics in the History of England from the Conquest (1066) to 1500
★3 (fi 6) (either term, 0-3s-0).

S HIST 432 Topics in 16th-Century British History★3 (*fi 6*) (either term, 0-3s-0).**S HIST 433 Topics in 17th-Century British History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 434 Topics in the History of Hanoverian England**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 437 Topics in British Social History Since 1714**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 439 Topics in the British Foreign Policy 1815–1956**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 441 Topics in Latin American History to 1850**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: HIST 241/242 or consent of Department.**S HIST 442 Topics in Latin American History Since 1850**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: HIST 241/242 or consent of Department.**S HIST 446 Themes and Issues in African History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: Previous course in African Studies or consent of Department.**S HIST 450 Topics in American History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 451 17th Century and 18th-Century America**★3 (*fi 6*) (either term, 0-3s-0). Note: Not open to students with credit in HIST 451 prior to 1991-92.**S HIST 452 Topics in 19th-Century America**★3 (*fi 6*) (either term, 0-3s-0). Note: Not open to students with credit in HIST 456, 457 or 458 prior to 1991-92.**S HIST 453 Topics in 20th-Century America**★3 (*fi 6*) (either term, 0-3s-0). Note: Not open to students with credit in HIST 459 prior to 1991-92.**S HIST 454 Topics in American Women's History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 458 Topics in the History of American Foreign Relations**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 460 Topics in Canadian History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 461 Topics in History of Immigrant and Ethnic Women in Canada**★3 (*fi 6*) (either term, 0-3s-0). A study of the shared and unique experiences of women as members of particular ethnic groups, focusing on the nineteenth and twentieth centuries.**S HIST 464 Topics in the History of the Canadian West**★6 (*fi 12*) (full session, 0-3s-0). Prerequisite: HIST 365 or 366, or consent of Department.**S HIST 467 Topics in Alberta History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 468 Topics in the History of Ethnic Settlement**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 469 Topics in the Political and Constitutional History of Canada since Confederation**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 470 Topics in Canadian Social History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 471 Topics in Canadian Intellectual History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 472 Topics in the History of Pre-Confederation Canada**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A course in Canadian history or consent of Department. Note: Not open to students with credit in HIST 472 or 473 prior to 1991-92.**S HIST 474 Topics in the History of 19th-Century French Canada**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 475 Topics in the History of 20th-Century French Canada**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 476 Topics in Canadian Business History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 477 Topics in the History of Canadian External Relations**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 478 Topics in the History of the Canadian North**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 479 Topics in Canadian Native History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A previous course in Canadian history or consent of Department.**S HIST 480 Topics in Japanese History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A course in Asian history or consent of Department.**S HIST 481 Topics in Chinese History**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: A course in Asian history or consent of Department.**S HIST 483 Topics in the History of Chinese Thought**★3 (*fi 6*) (either term, 0-3s-0). An examination of the major traditions and developments of Chinese thought. How Confucian, Taoist, Legalist and Buddhist concepts shaped the politics, history and culture of traditional China is of particular interest to the course. Prerequisite: A previous course in Asian history or consent of Department. Note: Students with credit in HIST 481 offered as History of Chinese Thought may not take HIST 483 for credit.**S HIST 490 Topics in British Empire and Commonwealth History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 491 Topics in Comparative Women's History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 492 Topics in History and Theory**★3 (*fi 6*) (either term, 0-3s-0). Note: Not open to students with credit in HIST 400 or 401 prior to 1991-92.**S HIST 493 War and Society in the Modern World**★3 (*fi 6*) (either term, 0-3s-0). Note: Not open to students with credit in HIST 402, 403, or 404 prior to 1991-92.**S HIST 494 Topics in Comparative History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 496 Topics in the History of Science**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: At least one of HIST 296, 297, 396, 397 or 398, or the Consent of Department.**HIST 498 Directed Study**★3 (*fi 6*) (either term, 0-3s-0)**HIST 500 Introduction to Historiography for Honors Students**★6 (*fi 12*) (full session, 0-3s-0).**HIST 501 Special Subject, Fourth Year Honors History**★6 (*fi 12*) (full session, 0-3s-0). Preparation of the Honors essay, required in the fourth year of the Honors program.**HIST 502 Directed Study**★6 (*fi 12*) (full session, 0-3s-0). Note: For students in the fourth year of the Honors program. Note: Not open to students with credit in HIST 599.

211.122.2 Graduate Courses

Previous study in the area is prerequisite for each course.

S HIST 550 Advanced Topics in Historical Study★3 (*fi 6*) (either term, 0-3s-0).**S HIST 580 Documentary Languages for Historians**★3 (*fi 6*) (either term, 0-3s-0). Prerequisite: Satisfactory completion of a senior university-level course in the language concerned, or the equivalent facility in the language. This is a "credit/fail" course.**S HIST 600 Conference Course**★6 (*fi 12*) (full session, 0-3s-0).**S HIST 601 Philosophy of History and Methodology**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 603 History of Historical Writing**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 604 The Application of the Social Sciences to History**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 605 Topics in the Nature of Historical Controversy**★3 (*fi 6*) (either term, 0-3s-0).**S HIST 609 Directed Study**★3 (*fi 6*) (either term, 0-3s-0). This is a credit/fail course. Not open to students in the non-thesis program.

- S HIST 610 Interpretations of World History**
★3 (fi 6) (either term, 0-3s-0). A critical study, with emphasis on current examples, of works attempting to present a synthesis of world history.
- S HIST 613 Selected Aspects of Later Medieval France**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 615 Topics in the History of Early Modern Germany**
★3 (fi 6) (either term, 0-3s-0). Thematic studies in German history, emphasizing popular religion and culture.
- S HIST 616 Power Politics in Germany and Its Neighbouring States**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 620 Urbanization in Modern France**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 622 European International Relations Since 1870**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 630 Problems in Imperial Russian History**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 631 Problems in 20th-Century Russian History**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 633 Problems in Modern East European History**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 640 Rural Society in Medieval England**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 643 The Institutional and Legal History of Early-Modern England**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 644 Reformation to Revolution: Topics in Intellectual History in Early Modern England**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 645 Britain: The First Industrial Nation**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 647 The Scottish Enlightenment**
★3 (fi 6) (either term 0-3s-0).
- S HIST 648 Revolution and Imperial Expansion in Hanoverian Britain**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 650 Topics in United States Women's History**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 651 The History of the Development of American Indian Policy**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 655 Slavery and Anti-Slavery in the United States**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 659 American National Security Policy and Relations with Canada from the Second World War to the Cold War**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 661 Topics in Women's History**
★3 (fi 6) (either term, 3-0-0).
- S HIST 663 Change and Continuity in the Pre-Settlement West**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 664 Topics in Western Canadian History**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 666 Social and Intellectual History of British North America**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 669 Topics in the History of Canadian Regionalism**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 671 Social Conditions and Social Welfare in Canada Since 1867**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 674 Topics in the History of French Canada**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 676 Social and Cultural History of Canada Since 1918**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 678 History of Crime in Selected Western Societies Since 1500**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 685 Tradition and Modernity in China**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 687 Modern Japan and the World**
★3 (fi 6) (either term, 0-3s-0).
- S HIST 691 Topics in Latin American History to 1850**
★3 (fi 6) (either term, 0-3s-0).

- S HIST 692 Topics in Latin American History Since 1850**
★3 (fi 6) (either term, 0-3s-0).

S HIST 695 Slavery in Africa

- ★3 (fi 6) (either term, 0-3s-0).

S HIST 696 Topics in the History of the Sciences

- ★3 (fi 6) (either term, 0-3s-0).

S HIST 699 Research Seminar

- ★3 (fi 6) (either term, 0-3s-0).

S HIST 800 Conference Course

- ★6 (fi 12) (full session, 0-3s-0). Not open to graduate students in the Department of History.

S HIST 850 Advanced Topics in Historical Study

- ★3 (fi 6) (either term, 0-3s-0). Not open to graduate or honors students in the Department of History.

S HIST 900 Directed Research Project

- ★3 (fi 6) (variable).

211.123 Human Ecology

Department of Human Ecology
Faculty of Agriculture, Forestry and Home Economics

Note: See also Consumer Studies; Family Studies; and Textiles, Clothing, and Culture listings for related courses.

211.123.1 Undergraduate Courses

S HECOL 102 Introduction to Human Ecology

- ★3 (fi 6) (either term, 3-0-0). Historical and philosophical perspectives about the nature and purpose of human ecology as it has evolved from home economics. Introduction to professional issues including ethics.

S HECOL 238 Material Culture

- ★3 (fi 6) (either term, 3-0-0). An introduction to material culture as part of the near environment: culture and consumption, objects and environment, objects as carriers of information, the role of collections and museums in culture.

HECOL 251 Housing Policy

- ★3 (fi 6) (either term, 3-0-0). An examination of housing in Canada with an emphasis on the human needs and values that relate to housing, the social, economic, and political factors that enter into the provision of housing and housing policy and programs at the federal, provincial, and municipal levels. Prerequisites: SOC 100 and either 101 or 102; or SOC 300. Offered in alternate years.

HECOL 259 Communication Theory and Practice

- ★3 (fi 6) (either term, 3-0-3). Introduction to the principles of interpersonal, group, and public communication. Practice in verbal and visual communication will be emphasized in laboratories. Open only to Human Ecology and Agriculture/Forestry students.

HECOL 380 Program Planning, Implementation and Evaluation

- ★3 (fi 6) (second term, 3-0-3). Principles and processes of program planning, implementation, evaluation and group leadership based on a human ecological perspective. Laboratory exercises provide opportunities to practise group leadership and planning and evaluation skills in a context appropriate to students' career interests in family life education cultural, business, government and educational agencies. Prerequisite: HECOL 102.

HECOL 401 Independent Investigation in Human Ecology

- ★3 (fi 6) (either term, 0-0-6). Independent project or study of a topic in human ecology planned by the student with an instructor. Prerequisite: ★90 and instructor's approval.

HECOL 451 Selected Topics in Housing

- ★3 (fi 6) (full session, 3-0-3). Normally offered in Intersession.

HECOL 480 Methods for Professional Practice

- ★3 (fi 6) (first term, 1.5-0-3). Pre-practicum course for Human Ecology students. Exploration of professional issues and alternative modes of practice. Application of administrative and interpersonal skills. Open to Human Ecology students who have completed 84 units of course weight. Normally taken the term preceding HECOL 481 or 482. Prerequisite: HECOL 380.

HECOL 481 Practicum in Human Ecology

- ★3 (fi 6) (second term, 0-1.5s-8). Supervised field experience. Students will be placed in professional settings appropriate to their career goals. Attendance at a weekly integrative seminar is required. Open to Human Ecology students who have completed 90 units of course weight. Prerequisite: HECOL 480.

HECOL 482 Practicum in Human Ecology

- ★6 (fi 12) (second term, 0-1.5s-16). Supervised field experience. Students will be placed in professional settings appropriate to their career goals.