DEPARTMENT OF ENGLISH

Robert J. Gemmett
211 Hartwell Hall
(585) 395-2503

Chairperson and Professor: Robert J. Gemmett; Distinguished Teaching Professor: John Maier; Professors: David G. Hale, Evelyn Newlyn, Stanley S. Rubin; Associate Professors: Mark A. Anderson, J. Roger Kurtz, John J. Perry; Assistant Professors: Ralph W. Black, Miriam E. Burstein, T. Gregory Garvey, Michael Lackey, Greta A. Niu, Anne Panning; Lecturers: Louis Hillman, Judith Kitchen, Teresa Lehr, Robert Seguin, Shawn St. Jean.

For students who seek a general education for work in industry, for those who want to teach, for those who want to write, and for those who are planning professional studies in law, public relations, journalism, library science, advertising, publishing—any field where effective use of the English language is essential and a broad humanistic perspective is needed—majoring in English is the first step in a career. As an alternative, students should consider the English minor, which encourages students to take courses appropriate to individual needs and interests. Students majoring or minoring in English must complete at least 50 percent of their major or minor course work (18 credits for the major, nine credits for the minor) at SUNY Brockport.

Major Specialties in English
Students who major in English must select a 36-credit major from one of two options: literature or creative writing.

Option 1: Literature
The English Major-Literature focuses on English, American, and world literatures and affords students extensive practice in critical analysis and writing. The Literature track provides strong preparation for elementary and secondary teachers, for professional careers in business and law, and for the further study of literature in graduate school.

General Guidelines: Literature courses include the genres of poetry, fiction, film, drama, and the essay. Most majors take about 40–45 credits in English. In selecting their required courses, electives, or other courses beyond the 36-credit minimum, students are encouraged to construct personal concentrations in such areas as: American, British, or world literature; film studies; women writers; modern literature, etc., or to explore the diversity of English studies. Individual courses fulfill only one requirement in the major, and only liberal arts courses (designated by an A) can be used to satisfy the 36-credit minimum requirement.

Minimum Course Requirements:

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<th>Course Code</th>
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<tr>
<td>ENL 303</td>
<td>Introduction to Literary Analysis (minimum grade of “C”)</td>
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British Literature

One course in British Literature before 1800
(Examples: ENL 202 British Literature I, ENL 411 Chaucer, ENL 416 British Renaissance, ENL 417 The Age of Dryden, Pope and Johnson, ENL 422 British Novel Before 1800)

One course in British Literature after 1800
(Examples: ENL 203 British Literature II, ENL 419 English Romantic Writers, ENL 420 The Victorians and Others, ENL 423 British Novel After 1800, ENL 424 Modern British Literature, ENL 425 Contemporary British Writers, ENL 426 Modern Irish Writers)

American Literature

One course in American Literature before 1900
(Examples: ENL 204 American Literature I, ENL 429 Roots of American Literature, ENL 431 American Literature: The Transcendental Movement)

One course in American Literature after 1900

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(Examples: ENL 205 American Literature II, ENL 435 Modern American Poetry, ENL 443 Contemporary American Poetry, ENL 465 American Film Comedy)

**World Literatures and Cultures**

Two world literature courses, only one of which may be at the 100 level
(Examples: ENL 165 International Fiction, ENL 353 The Bible and Modernism, ENL 367 African Novel, ENL 457 Women and Film, ENL 476 Post-Colonial Literature)

OR

One world literature course and one British or American literature course
which has a significant emphasis on cultural differences (Examples: ENL 235 Introduction to Afro-American Literature, ENL 237 Native-American Literature, ENL 357 Asian American Literature)

Shakespeare (ENL 313 or ENL 314) 3
Linguistics and Language (ENL 451, ENL 455, or ENL 481) 3
Two elective courses in English at the 300/400 level 6
ENL 472 Critical Approaches to Literature 3
(prerequisites: ENL 303 and 9 credits of 300/400 level study in English)

Total: 36

**Teacher Certification Students:** Students preparing for *teaching in elementary schools* are strongly advised to take ENL 305 Advanced Composition and ENL 482 Children's Literature. Students preparing for *teaching in secondary schools* should choose a concentration in literature and follow a specified set of courses as advised.

**Preparation for Business, Law, and Public Service:** Literature courses which emphasize psychological, social, and verbal analysis provide a solid basis for the type of critical thinking needed in professional positions, while courses in writing, business communications, journalism/publication, etc. provide a solid basis in communication skills central to these areas.

**Option 2: Creative Writing**
The English Major-Creative Writing allows students to follow a program of study in English which will enable them to explore their talents and develop their skills in a series of writing courses and related literature courses.

**General Guidelines:** Literature courses include the genres of poetry, fiction, film, drama, and the essay. Most majors take about 40–45 credits in English. In selecting their required courses, electives, or other courses beyond the 36-credit minimum, students are encouraged to construct personal concentrations in such areas as American, British, or world literature; film studies; women writers; modern literature, etc., as well as taking additional courses in writing or literature. Individual courses fulfill only one requirement in the major, and only liberal arts courses (designated by an A) can be used to satisfy the 36-credit minimum requirement.

**Minimum Course Requirements:**

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<td>ENL 303</td>
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<tr>
<td>ENL 210</td>
<td>Creative Writing (the prerequisite for ENL 301 and 302)</td>
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Literature Requirements (one course must be in literature before 1900)

- One course in British Literature 3
- One course in American Literature 3
- One course in World Literature 3

Workshop Requirements

- ENL 301  Fiction Writers Workshop 3
- ENL 302  Poetry Writers Workshop 3
- ENL 403  Writers Craft (may be repeated once) 3

One Advanced Writers Workshop (ENL 301 or 302 are prerequisites for the related Advanced Workshops; these 400 level Workshops may be repeated once) 3

- ENL 491  Advanced Fiction Writers Workshop
- ENL 492  Advanced Poetry Writers Seminar
ENL 493  The Creative Essay

Two elective courses in English at the 300–400 level 6

ENL 472 Critical Approaches to Literature (prerequisites: ENL 303 and 9 credits of 300–400 level study in English) 3

Total: 36

**Teacher Certification Students (elementary schools):** Students preparing for teaching in elementary schools are strongly advised to take ENL 305 Advanced Composition and ENL 482 Children’s Literature.

**Preparation for Business, Law, and Public Service:** Literature courses which emphasize psychological, social, and verbal analysis provide a solid basis for the type of critical thinking needed in professional positions, while courses in writing, business communications, journalism/publication, etc. provide a solid basis in communications skills central to these areas.

**Minor in English**
The minor in English allows students majoring in other disciplines to construct a program of study in English that will be appropriate to their individual interests and prospective careers.

**English Minor Requirements**
The minor requires 18 credits, including ENL 303 Introduction to Literary Analysis with a grade of “C” or better. Of the additional five elective courses (15 credits), at least two must be at the 300 level or above.

Students may wish to construct their individualized English minor around concentrations in such areas as American literature, British literature, film studies, women writers, cultural studies in literature, writing, and modern literature. It is also acceptable to simply choose five electives of interest.

**Student Life**
The Writers Forum provides exposure to significant contemporary writers and critics. The English Club offers a variety of activities, including the publication of student writing. Sigma Tau Delta, an international honor society, recognizes significant academic accomplishment. Prizes are available for student scholarship, and the writing of poetry, fiction, and the essay.

**Study Abroad**
Study-abroad programs sometimes are available. Information is available in the Office of International Education.

**General Education Requirements**
The following courses may be taken to meet the lower-division Humanities (H) requirement:

- ENL 165  International Fiction
- ENL 166  Literature and Culture
- ENL 202  British Literature I
- ENL 203  British Literature II
- ENL 204  American Literature I
- ENL 205  American Literature II
- ENL 235  Introduction to African-American Literature
- ENL 237  Native-American Literature
- ENL 244  Women and Courtly Love

The following courses may be taken to meet the lower-division Comparative Perspectives (C) requirement:

- ENL 237  Native-American Literature
- ENL 353  The Bible and Modernism
- ENL 366  Arabic Culture and the West

The following courses may be taken to meet the Diversity (D) requirement:

- ENL 165  International Fiction
- ENL 166  Literature and Culture
ENL 204 American Literature I
ENL 205 American Literature II
ENL 339 Writings by African-American Women
ENL 366 Arabic Culture and the West
ENL 367 African Novel
ENL 378 Women in American Literature
ENL 418 Significant Themes in British Literature
ENL 470 Women's Popular Culture
ENL 474 Caribbean Literature
ENL 475 Post-Colonial Literature
ENL 476 Magical Realism

The following course may be taken to meet the Science and Technology (E) requirement:
ENL 203 British Literature II

The following courses may be taken to meet the Western Civilization (G) requirement:
ENL 163 Literature, Arts, and Western Culture I
ENL 164 Literature, Arts, and Western Culture II

The following courses may be taken to meet the Contemporary Issues (I) requirement:
ENL 357 Postmodern Culture
ENL 359 Literature and Alcoholism
ENL 365 Asia and the West
ENL 367 African Novel
ENL 440 Literature of the American Family
ENL 442 Topics in Women's Literature
ENL 477 Issues in Science Fiction
ENL 485 American Folklore
ENL 496 Sex and Censorship

The following courses may be taken to meet the Contemporary Issues with Writing (J) requirement:
ENL 353 The Bible and Modernism
ENL 366 Arabic Culture and the West
ENL 367 The African Novel
ENL 439 Asian-American Literature
ENL 470 Women's Popular Culture
ENL 474 Caribbean Literature
ENL 495 Literature of the Holocaust

The following courses may be taken to meet the Upper-division Writing (U) requirement:
ENL 303 Introduction to Literary Analysis
ENL 305 Advanced Composition
ENL 339 Writings by African-American Women
ENL 403 Writer's Craft
ENL 418 Significant Themes in British Literature
ENL 427 Women in the English Novel
ENL 441 American Literature: 19th-century Women's Novel
ENL 474 Caribbean Literature
ENL 476 Magical Realism

The following courses may be taken to meet the Perspectives on Women (W) requirement:
ENL 205 American Literature II
ENL 221 Women's Diversity in American Literature
ENL 244 Women and Courtly Love
ENL 339 Writings by African-American Women
ENL 378 Women Writers in American Literature
ENL 427 Women in the Novel
ENL 439 Asian-American Literature
ENL 441 19th-century Women's Novel
ENL 442 Topics in Women's Literature
ENL 457 Women and Film
ENL 459 Film and Reality
ENL 470 Women's Popular Culture
ENL 495 Literature of the Holocaust
ENL 496 Sex and Censorship

Notes: ENL 112 or equivalent is a prerequisite for any ENL course above 200. Subtitles and contents of topics, seminar, genre, mode, theme, and workshop courses vary by semester. Consult the department for information concerning offerings in any given semester. Each semester the department provides a booklet containing instructors’ descriptions of courses they offer. The booklet may be obtained in the department office.

ENGLISH COURSES

ENL 102 Fundamentals of College Composition (A). For students who need practice in expository writing skills. Provides intensive work in writing standard, edited English as preparation for entering ENL 112. 3 Cr. Every Semester.

ENL 112 College Composition (A). Emphasizes the development of written discourse with special attention to the writing process. Students generate, revise, and edit several short essays, as well as practice writing in ways that exercise their critical reading and thinking skills. 3 Cr. Every Semester.

ENL 163 Literature, Arts, and Culture I (A,G). Explores how major works of literature – novels, short stories, and poetry – explore human nature and society. Emphasizes the value of literature and the way it reflects the culture and ideas of the time. Explores how significant ideas and issues – from conceptions of gender to assumptions about power politics, from religious beliefs to racist prejudices, from heroism to hedonism – are explored in a variety of literary forms. 3 Cr. Every Semester.

ENL 164 Literature, Arts, and Culture II (A,G) Surveys 17th- through 19th-century European developments in science, technology and artistic expression and the changes in Western philosophic attitudes that created the way of life we call “modern.” Examines relationships of the arts within the context of the intellectual, economic, and political trends which helped give American culture its shape and character. 3 Cr. Every Semester.

ENL 165 International Fiction (A,H,D). Focuses on short stories and novels from various cultures as vehicles for an examination of human nature. Assumes that, despite differences in nationality, race and culture, human beings share similar concerns, values, and attitudes that transcend those differences. 3 Cr. Every Semester.

ENL 166 Literature and Culture (A,H,D). Examines selected works of literature to illustrate comparative religious, political, scientific, and artistic issues as well as the conflicts inherent in individual, societal, and cultural values. 3 Cr. Every Semester.

ENL 200 Art of the Film (A,F). Provides an introduction to film as an art form combining visual, dramatic, and aural arts. Covers basic film vocabulary, elements of film art (camera, sound, editing), trends in film esthetics, and analysis of style of important selected filmmakers; includes screening of short and feature films. Required for Film Studies minors. 3 Cr. Every Semester.

ENL 202 British Literature I (A,H). Explores works from British literature written between 800 and 1750, including those of such writers as Chaucer, Shakespeare and Milton. Examines various styles, forms, and genres. 3 Cr. Every Semester.

ENL 203 British Literature II (A,H,E). Explores British literature written between 1750 and 1950, including works by writers such as Wordsworth, Browning, Yeats and Woolf. 3 Cr. Every Semester.

ENL 204 American Literature I (A,H,D). Surveys texts written in or about America prior to the Civil War. May include exploration and captivity narratives, Puritan writing, writing of the American Revolution, and major romantic authors such as Ralph Waldo Emerson, Margaret Fuller, Nathaniel Hawthorne, Herman Melville, Frederick Douglass, and Harriet Beecher Stowe. 3 Cr. Every Semester.

ENL 205 American Literature II (A,H,W,D). Surveys texts written in or about America from the post-Civil War era to the present. Introduces students to literary movements of the period such as realism, modernism, the Harlem Renaissance, the Beat generation, postmodernism, and the rise of ethnic American writing. May include writers such as Henry James, Gertrude Stein, Langston Hughes, Allen Ginsberg, Thomas Pynchon, and Maxine Hong Kingston. 3 Cr. Every Semester.

ENL 210 Creative Writing (A). Examines techniques for writing poetry and/or prose; and requires students to critique and revise their own work. 3 Cr. Every Semester.

ENL 235 Introduction to Afro-American Literature (A,H). Cross-listed as AAS 235. Provides an introductory survey of the literature of people of African ancestry in the Americas. Acquaints stu-
students with major literary figures and significant historical periods. Discusses issues regarding the relationship between the writers and socio-political and cultural movements and of questions concerning the socio-cultural function that the black writer serves for his/her community. 3 Cr. Every Semester.

ENL 244 Women in Courtly Love (A,H,W). Studies the roles of women in literature of the courtly love tradition in European and British Middle Ages, and the influence of that literature on sex and gender roles at present. Requires reading, thinking, writing, and speaking. 3 Cr. Fall.

ENL 301 Fiction Writers Workshop (A). Prerequisite: ENL 210 or instructor's permission. Provides for the mastery of the materials and techniques of writing fiction. Requires students to objectively criticize their own work and the work of others. 3 Cr. Spring.

ENL 302 Poetry Writers Workshop (A). Prerequisite: ENL 210 or instructor's permission. Examines the substances and processes of writing poetry through contemporary study and objective workshop criticism of student writing. 3 Cr. Fall.

ENL 303 Introduction to Literary Analysis (A,U). For English majors and prospective majors. Provides skills needed to understand literature in English. Includes close reading of selected texts and study of literary genres, critical terms, and the relationship between text and context. Provides practice in writing literary analyses. Emphasizes skills of generating, rewriting, and editing the documented critical essay and other nonfiction prose suitable to the needs and future careers of English majors. Majors must earn a “C” or better. 3 Cr. Every Semester.

ENL 305 Advanced Composition (A,U). A workshop course. Requires frequent writing assignments that are usually peer-reviewed. Review is expected. Encourages participants to think critically and solve writing problems creatively. 3 Cr. Every Semester.

ENL 308 Business Writing (B). Required for business majors. Allows students to develop word processing skills to prepare communications for the business world, including letters, memos, reports, and job applications. Emphasizes editing skills. Taught in the microlab: no previous computer experience necessary. Cannot be counted for the English major. 3 Cr.

ENL 313 Shakespeare to 1600 (A). Covers Shakespearean histories and early comedies. Explores the use of characters, plot, language, and dramatic convention. 3 Cr. Fall.

ENL 314 Shakespeare after 1600 (A). Covers Shakespearean tragedies and late comedies. Explores Renaissance conceptions of tragedy and comedy, as well as Shakespeare's characters, plots, language, and use of dramatic convention. 3 Cr. Spring.

ENL 331 Modern American Drama (A). Studies selected plays by 20th-century American authors, using a variety of critical approaches. 3 Cr.

ENL 339 Writings by African-American Women (A,U,W,D). Cross-listed as AAS 339 and WMS 339. Surveys literary representations in Afro-American fiction from the Harlem Renaissance to the present. Examines the degree to which sexism, cultural stereotypes and racism influence the portrayals and function of women in black American literature. Explores concerns with women's issues and the emergence of the feminist movement in America. 3 Cr.

ENL 350 World Literature I (A). Explores literatures of the world from antiquity to the early modern world, with considerable attention to texts outside the Western tradition. 3 Cr.

ENL 351 World Literature II (A). Explores literatures of the world since 1700, with a focus on texts outside the British and American literary traditions. 3 Cr.

ENL 353 The Bible and Modernism (A,J,C). Provides an interdisciplinary investigation of controversies surrounding the Bible in the modern world. 3 Cr.

ENL 354 The Bible as Literature (A). Provides an extensive examination of the design, moral, ethical and historical significance of the Bible, as well as its major literary forms, including short story, myth, proverbs, psalms, historical narrative and apocrypha. 3 Cr.

ENL 355 European Mythology (A). Studies Greek and Roman myths as background for Western culture, literature and fine arts. 3 Cr.

ENL 356 World Mythologies (A). Defines myths as prehistoric, pretelite narratives from an oral tradition and sees these narratives as fundamental in many ways, stemming from the earliest days of human thought, development and civilization. Considers myths from Africa, the Orient, American Indians, Europe, and South America. Examines what myths say about death, creation, fertility, and the hero. 3 Cr.

ENL 357 Postmodern Culture (A). Explores the interrelationship between various aspects of contemporary culture, especially the cultural influences of technology (chiefly computers) and the mass media (particularly television) on literature, film, and other arts. A fundamental premise of the course is that social conditions, changing beliefs about human society, international capitalism, and recent technological changes have led to changes in culture, lifestyle, even thinking, that can best be described as postmodern. 3 Cr.

ENL 366 Arabic Culture and the West (A,J,D,C). The Middle East is arguably the area of the world that is most volatile and least under-
stood by people from Western cultural backgrounds who deal with that area. Provides an interdisciplinary exploration of perceptions of the cultural “other,” concentrating on cultural products of the Arabic-speaking world. 3 Cr.

ENL 367 African Novel (A,J,D). Examines major authors and movements in the development of the novel in Africa. Emphasizes the texts themselves, but with attention to their social and historical contexts. 3 Cr.

ENL 375 American Novel (A). Examines selected American novels according to thematic, stylistic, and chronological patterns. 3 Cr.

ENL 378 American Women Writers (A,J,W,D). Cross-listed as WMS 378. Examines the ways in which American women writers address the particular circumstances of women’s lives during particular decades. Explores the diversity of women’s writing by including the works of best-selling writers, of women of color, of working class women and of radical experimentalists. Provides students with a historical, social and cultural context in which to locate the various works. 3 Cr.

ENL 388 Brockport Career Exploration Course I (B). Prerequisite: Instructor’s permission. For a description of the BCEC, see Chapter V, Career Preparation, Special Programs. Interested students should pick up information packets and application forms in the Office of Career Services and meet with the Coordinator of Community Service before attempting to register. Registration requires a faculty member’s signature. 3 Cr.

ENL 395 Introduction to Canadian Literature (A). Covers the development of Canadian literature in English from 1867 to the present. Emphasizes 20th-century writing throughout Canada, from the Maritimes to British Columbia, and places it within its cultural heritage, which often parallels that of the US. 3 Cr.

ENL 400 Writers Forum Summer Seminar: Fiction (A). Part of the Summer Writers Workshops, one-week intensive study. Devotes three-hour sessions to study of students’ work, finished or in progress, and contemporary fiction criticism. Includes one-on-one meetings. May be repeated for credit. 2 Cr.

ENL 401 Poetics: Theory and Practice (A). Explores issues in contemporary poetic theory, study of selected poets, and close readings of texts. Intended for creative writers and serious readers. 1–3 Cr.

ENL 402 Writer’s Craft (A,U). Allows students to meet with the director of the Writers Forum and guest artists and critics to discuss contemporary literature and the creative process. Contact the department for names of guests set to appear in the semester and other details. May be repeated for credit. 1–3 Cr. Spring.
Pope, Swift, Defoe and Johnson. Examines some ways these writers resolve the tensions created by the competing demands of reason, tradition, and the imagination during this period. 3 Cr.

ENL 418 British Literature and Empire. (A,U,D). Studies the relation of British literature to Empire-building and Imperialism, with special focus on texts relating to the “high imperialism” of the late-19th century. 3 Cr.

ENL 419 English Romantic Writers (A). Covers major authors of the Romantic period (from Blake through K ets); examines significant figures in Romantic literature (such as Byronic heroes and Wordsworth’s wanderers); and assesses Romanticism as a cultural phenomenon. 3 Cr. Fall.

ENL 420 The Victorians and Others (A). Examines contributions of the era, such as the writings of Tennyson, Browning, Dickens and others from 1832 to World War I, to the development of British literary thought and artistry. 3 Cr. Spring.

ENL 421 Seminar in British Writers (A). Provides a study of significant authors treated singly or in coherent combinations. Content varies, with appropriate subtitles provided for the individual course. May be repeated for credit with significant change in focus. 3 Cr.

ENL 422 The British Novel Before 1800 (A). Provides an historical survey of the British novel from the early 18th century to the beginning of the 19th century, with readings from significant novelists such as Defoe and Austen. 3 Cr. Every Other Year.

ENL 423 The British Novel After 1800 (A). Provides an historical survey of the British novel from the early 19th century to the end of WWI, with readings from significant novelists such as Dickens, Hardy, and Forster. 3 Cr. Fall.

ENL 424 Modern British Literature (A). Provides a study of major British dramatists, poets, and novelists of the 20th century. Usually includes Shaw, Woolf, Lawrence, and Auden. 3 Cr.

ENL 425 Contemporary British Writers (A). Provides a study of major British writers in the later 20th century. Usually includes Amis, Osborne, Pinter, Golding, Lessing, and Ishiguro. 3 Cr.

ENL 426 Modern Irish Writers (A). Covers major contributions of Anglo-Irish authors to literature in English, including selected works of Beckett, Joyce, Synge, and Yeats. 3 Cr.

ENL 427 Women in the English Novel (A,U,W). Cross-listed as WMS 427. Provides in-depth examination of some of the great English novels, with some touching upon novels from other countries, to consider their thematic forms and functions, their literary significance, and especially what they reveal about the roles of women and attitudes to patriarchy. 3 Cr.

ENL 429 Roots of American Literature (A). Provides an intensive study of texts dealing with America between European contact and 1800. May include European fantasy writing, exploration and captivity narratives, Puritanism, texts of the American Revolution, and the origins of the American novel. May include representative authors such as John Smith, Anne Bradstreet, Mary Rowlandson, Samson Occum, John Winthrop, Benjamin Franklin, Mercy Otis Warren, and Charles Brockden Brown. 3 Cr.

ENL 430 American Literature: The Romantic Era (A). Provides an intensive study of the blossoming of American literature in the decades prior to the Civil War. Studies the growth of individualism and its impact on various groups of people by studying Transcendentalism, slave narratives, and women's novels. Features major authors such as James Fenimore Cooper, Emily Dickinson, Herman Melville, and Harriet Beecher Stowe. 3 Cr. Fall.

ENL 431 American Literature: The Transcendental Movement (A). Provides an intensive study of the influential Transcendentalist cultural and intellectual movement and its theories of aesthetics, spirituality, politics, and culture. May include readings from Emerson, Thoreau, Margaret Fuller, Theodore Parker, Jones Very, as well as important peripheral figures who were influenced by the movement such as John Humphrey Noyes, William Lloyd Garrison, Emily Dickinson, and Walt Whitman. 3 Cr. Spring.

ENL 432 American Realism (A). Examines American realism which, with its emphasis on the representation of everyday events and lives, chronicles the social fabric of late-19th- and early- 20th-century America by tackling issues such as industrialization, race relations, women's rights, immigration, and class struggle. May include writers such as Henry James, Charles Chesnutt, Frances Harper, Sui Sin Far, Theodore Dreiser, W.E.B. DuBois, and Charlotte Perkins Gilman. 3 Cr.

ENL 434 American Literature of the Cold War Era (A). Examines the major literary movements in post-World War II America, paying special attention to the relationship between political, economic, and cultural changes both inside and outside the United States, and American writing. May include writers such as John Hersey, John Okada, Betty Friedan, Susan Sontag, Norman Mailer, and Allen Ginsberg. 3 Cr.

ENL 435 Modern American Poetry (A). Provides an investigation into the formative period 1910–1945 of 20th-century American verse, emphasizing significant figures from Robinson, Amy Lowell, and Frost to Cummings, Stein, and Eliot. 3 Cr.
ENL 436 Postmodern American Poetry (A). Provides an investigation into American verse written after the mid-20th century, emphasizing figures such as Berrymen and Robert Lowell, as well as their contemporaries Sylvia Plath and Anne Sexton, and significant poets from more recent times. 3 Cr.

ENL 438 American Poetry (A). Provides a survey of important American verse from its beginnings to the 20th century, emphasizing representative poets such as Anne Bradstreet and Walt Whitman. 3 Cr.

ENL 439 Asian-American Literature (A,J,W,D). Explores Asian-American literature and culture both historically and thematically with an emphasis on the development of Asian-American literary voices and identities from the mid-20th century to the present. Includes major works of fiction, poetry, drama, prose, film, and critical and theoretical essays to facilitate discussion. 3 Cr.

ENL 441 American Literature: 19th-century Women's Novel (A,U,W). Provides an intensive study of the novel as a form of women's self-representation and cultural criticism. May include novels about family life, anti-slavery and temperance, slave narratives; historical novels; and representations of urban and industrial experience. 3 Cr.

ENL 442 Topics in Women's Literature (A,W). Cross-listed as WMS 442. Provides advanced study of women in literature and women's literature, focusing, for example, on some aspect of female lives, such as adolescence; on one or more female authors writing in a shared tradition, genre, or period; or on women writing on a common topic or from perspectives held in common. 3 Cr.

ENL 443 Contemporary American Poetry (A). Examines the unique character of poetry after World War II: aesthetic theory, significant themes, prominent contributors. Improves students' critical analytical skills via written assignments of varying character. 3 Cr.

ENL 445 American Modernism (A). Focuses upon writers of the first half of the 20th century who defined American modernism by consciously breaking away from artistic conventions of the 19th century through experimentation in language, form, style and a heightened awareness of writing itself. Writers may include Ezra Pound, Gertrude Stein, Ernest Hemingway, Zora Neale Hurston, Langston Hughes, and William Faulkner. 3 Cr.

ENL 446 Seminar in American Writers (A). Provides a study of significant American authors treated singly or in coherent combinations. Content varies, with appropriate subtitles provided. May be repeated for credit with significant change in focus. 3 Cr.

ENL 448 Great American Film Directors: Selected Topics (A). Provides an in-depth study of major films of selected American film directors—Hitchcock, Capra, Welles. Specific focus shown by subtitle. May be repeated for credit with significant change in focus. 3 Cr.

ENL 451 Linguistics (A). Prerequisite: Junior or senior status. Provides a study of phonology, morphology, syntax, semantics, and sociolinguistics. 3 Cr.

ENL 455 Sociolinguistics (A). Provides a study of language in social context. Analyzes problems in social dialects and communications, jargons, slang, bilingualism and language of social conflict. 3 Cr. Fall.

ENL 457 Women and Film (A,J,W). Focuses on films by women. Considers the following questions: Have women filmmakers depicted the world differently from "dominant" cinema? What possibilities exist for forms of "feminine" film discourse that are truly different from dominant film discourse? What has been the history of women filmmakers? How many of these women have indeed tried to speak a different "language"? 3 Cr.

ENL 458 Great American Film Actors: Selected Topics (A). Provides a close study of great actors of American film who have lent their unique talents to film tradition. Analyzes the artistic, social, personal, and cultural aspects of these actors and their careers. Focus and actors selected may vary, but may not be repeated for credit. 3 Cr.

ENL 460 Great American Film Directors (A). Using various critical perspectives, provides an in-depth study of major films of selected American film directors—Hitchcock, Capra, Welles. Specific focus shown by subtitle. May be repeated for credit with significant change in focus. 3 Cr.

ENL 462 Significant Genres in Film (A). Explores significant themes and/or eras in film, for example: films of the 1950s, romantic couples, musicals, detective and Western films, and film noir in cultural context. Specific topics shown by subtitle. May be repeated for credit with significant change in topic. 3 Cr.

ENL 463 Great International Film Directors (A). Using a variety of critical perspectives, provides for an in-depth study of major films of selected international film directors. Normally focuses on two or three directors such as Fellini, Ingmar Bergman, Truffaut, Renoir, Eisenstein, Sagawa, and others. Specific focus shown by subtitle; may be repeated for credit with significant change in topic. 3 Cr.

ENL 464 The Film Star (A). Focuses on the contribution of the actor to the film, differences between acting for silent and for sound films, and differences in acting on stage and in film. Screens films and provides for discussion. 3 Cr.

ENL 465 American Film Comedy (A). Examines the unique character of comedy after World War II: aesthetic theory, significant themes, prominent contributors. Improves students' critical analytical skills via written assignments of varying character. 3 Cr.
comic visions of America, and personal style vs. genre in comedy. 3 Cr.

ENL 466 Fantasy and Romance (A). Provides a study of an important literary mode through reading, analysis, and creation of selected works of fantasy and romance. May include readings such as Arthurian tales, Utopia, The Lord of the Rings, etc. 3 Cr.

ENL 467 Tragedy as a Genre (A). Investigates tragedy as both a literary genre and a way of interpreting the world. Considers both personal and cosmic aspects of tragedy in literary works from differing eras and cultures. 3 Cr.

ENL 470 Women's Popular Culture (A,J,W,D). Cross-listed as WMS 470. Explores women's popular culture to engender a cultural analysis. Considers such questions as how women's popular culture responds to women's psychosocial needs and how it functions within the dominant culture. Examines samples of the fiction and films that represent 20th-century American women's popular culture. 3 Cr.

ENL 472 Critical Approaches to Literature (A). Prerequisites: ENL 303 or equivalent and nine credits in literature and/or film courses. Requires students to analyze literary texts' form and content, write papers of analysis from at least three literary perspectives, classify and describe perspectives of various critics, and define critical terms. 3 Cr. Every Semester.

ENL 474 Caribbean Literature (A,J,D) Surveys 20th-century literature from the Caribbean, including drama, poetry, and narrative. Includes Anglophone writers as well as non-English works in translation. Examines literature in the context of historical and cultural issues such as the nature of Caribbean identity, the role of language, and the reconstruction of history. 3 Cr. Every Semester.

ENL 475 Post-Colonial Literature (A,J,D). Surveys some of the most lively literature from areas of the world that were formerly European colonies: the Caribbean, Africa, and South Asia in particular. Introduces what is sometimes called the "post-Colonial condition," exploring what it is and how writers have responded to it. 3 Cr.

ENL 476 Magical Realism (A,U,D). Introduces the important 20th-century literary movement known as magical realism. Examines its roots in Latin America as well as its adoption in other locations, with particular attention to the historical context in each case. 3 Cr.

ENL 477 Issues in Science Fiction (A). Covers significant developments in the history of speculative and science fiction. Explores major themes such as sex, science and prejudice. Includes representative authors such as Wells, Asimov, Heinlein and Le Guin. 3 Cr.

ENL 481 English Grammar (A). Provides a study of a variety of options writers have in applying transformational rules when they generate sentences. Also provides appropriate terminology for grammatical form and function. Introduces current grammatical theories and analyzes passages of prose and poetry to illustrate the relationship between rhetoric and syntactic choice. 3 Cr. Every Semester.

ENL 482 Children's Literature (A). Explores the conventions of children's literature; development of genres of children's literature; and biographical, bibliographical and critical resources in the field. 3 Cr. Every Semester.

ENL 484 Young Adult Literature (A). Examines the needs of the young adult reader. Surveys genre literature as well as literature in content areas. 3 Cr.

ENL 491 Advanced Fiction Writers Workshop (A). Prerequisite: ENL 301. Focuses on the writing of fiction and the applied criticism of fiction. Requires students to bring manuscript to a polished state of form, style and content. May be repeated for credit. 3 Cr. Fall.

ENL 492 Advanced Poetry Writers Seminar (A). Prerequisite: ENL 302. Focuses on original poetry writing and applied criticism. Requires intensive critical discussion, revision, and some consideration of work by selected contemporaries. May be repeated for credit. 3 Cr. Spring.

ENL 493 The Creative Essay (A). Prerequisite: Instructor's permission. Primarily a writing course in which students "workshop" essays. Explores the historical evolution of the essay and its new forms. Requires students to read a variety of essays and create their own. May be repeated for credit. 3 Cr. Every Semester.

ENL 495 Literature of the Holocaust (A,J,W). Provides for readings and discussions concerning Hitler's attempted destruction of the European Jews, both fiction and non-fiction, including the work of survivors and victims. Incorporates esthetic, moral, and political perspectives, with special emphasis on the relevance for our time. 3 Cr.

ENL 496 Sex and Censorship (A,I,W). Cross-listed as WMS 496. Considers the expression of sexual themes—and censorship of them—in contemporary literature, film and media. Includes topics such as the erotic in art, definitions of pornography and obscenity, evolution of censorship standards and practices, the Hollywood Code, the US Commission on Obscenity and Pornography (1970) and its critics, and recent feminist perspectives. 3 Cr.

ENL 499 Independent Study in English (A). To be defined in consultation with the instructor-sponsor in accordance with the procedures of the Office of Academic Advisement prior to registration. 3 Cr.
Environmental Science and Biology
103 Lennon Hall
(585) 395-5975
E-mail: Jmakarew@brockport.edu

Chairperson: Joseph C. Makarewicz; Faculty: Whitney J. Autin (Earth Sciences), Geoffrey Gardner, James Haynes, Mark P. Heitz (Chemistry), Markus M. Hoffmann (Chemistry), Thomas W. Kallen (Chemistry), Jose A Maliekal (Earth Sciences), Judy A. Massare (Earth Sciences), J. Morris (Chemistry), Mark R. Noll (Earth Sciences), Christopher Norment, Scott M. Rochette (Earth Sciences), Kenneth D Schlecht (Chemistry); James A. Zollweg (Earth Sciences), Adjunct Professors: Theodore Lewis, David MacNeil (Sea Grant), Chuck O’Neil (Sea Grant).

Environmental problems are among the most urgent issues facing our civilization. In order to manage Earth’s environment effectively, we must understand the processes that shape the Earth’s surface, control the chemistry of our air and water, and produce the resources on which we depend. Four concentrations are offered within the environmental science major: aquatic ecology/biology, terrestrial ecology/biology, environmental chemistry, and earth sciences. For non-majors, a minor in environmental studies is also offered through the Department of Biological Sciences. Upon declaring a major in environmental sciences with the secretary located in 103 Lennon Hall, (585)395-5975, a faculty advisor will be assigned.

Minors in Environmental Science and in Environmental Studies: Please contact the Environmental Science and Biology secretary in 115 Lennon Hall for information and for an appointment with the chairperson to apply for a minor (18 credits) in environmental science or environmental studies.

Major Requirements
The environmental science major requires a minimum of 58-59 credits balanced between the specific courses of the core curriculum (38 credits) and the selected courses of the area of concentration (20-21 credits).

Core Courses (Required Courses) Credits
Environmental Science (ENV 202) and
Principles of Biology (ENV 111) 8
Ecology (ENV 303) 4
College Chemistry I and II (CHM 205 & 206) 8
Analytical Chemistry I (CHM 303) 4
Our Earth (GEL 101), Weather (ESC 211) 8
Environmental Law (CRJ 440) 3
Calculus I (MTH 201) or ENV 437, or ESC 350 3

Total: 38

Concentrations (Required or elective courses) Credits Corequisites
Aquatic Ecology/Biology 20 4
Terrestrial Ecology/Biology 20 4
Earth Science 20 0
Environmental Chemistry 21 14
Electives 20-21 0–14

Total for core and one concentration: 58–59 0–14

Concentration in Aquatic Ecology and Limnology
Electives (20 credits) are chosen with an advisor.

Fall Semester Credits Spring Semester Credits
ENV 319 Biological Oceanography 3 ENV 422 Population Biology 3
ENV 419 Limnology² 3 ENV 423 Pollution Biology 3
ENVS 421 Limnology Laboratory\(^2\) 2  ENV 436 Water Quality Analysis 4
ENVS 484 Fish Ecology 3  ENV 437 Biological Investigation and Data Interpretation\(^1\) 3
ENVS 490 Fishery Techniques 2  ENV 439 Conservation Biology 3
ENVS 457 Marine Biology—Bahamas 3  ENV 483 Aquatic Invertebrates 3
ESC 412 Hydrology 3  GEL 462 Groundwater 3
ENVS 488 Environmental Impact Analysis 4–6  ESC 413 Environmental Climatology 3
ESC 425 Wetland Systems 3  ENV 499 Collaborative Research 1–3

**Corequisite Course** CHM 305 Organic Chemistry 4

### Concentration in Terrestrial Ecology
Electives (20 credits) are chosen with an advisor.

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENV 400 Plant Taxonomy</td>
<td>4</td>
<td>ENV 439 Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>ENV 406 Wildlife Ecology</td>
<td>4</td>
<td>ENV 422 Population Biology</td>
<td>3</td>
</tr>
<tr>
<td>ENV 405 Vegetation Ecology</td>
<td>4</td>
<td>ENV 423 Pollution Biology</td>
<td>3</td>
</tr>
<tr>
<td>ENV 427 Animal Behavior</td>
<td>4</td>
<td>ENV 437 Biological Investigation</td>
<td>4</td>
</tr>
<tr>
<td>ENV 459 Mammalogy</td>
<td>4</td>
<td>and Data Interpretation(^1)</td>
<td></td>
</tr>
<tr>
<td>ESC 455 Soil Science</td>
<td>3</td>
<td>ENV 440 Herpetology</td>
<td>4</td>
</tr>
<tr>
<td>ENV 488 Environmental Impact Analysis</td>
<td>4–6</td>
<td>ENV 430 Ornithology</td>
<td>4</td>
</tr>
<tr>
<td>ENV 477 Field Biology</td>
<td>4</td>
<td>ENV 424 Experimental Research</td>
<td>1–3</td>
</tr>
<tr>
<td>ESC 425 Wetland Systems</td>
<td>4</td>
<td>ESC 413 Environmental Climatology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENV 499 Collaborative Research</td>
<td>1–3</td>
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</tbody>
</table>

**Corequisite Course** CHM 305 Organic Chemistry I

### Concentration in Environmental Chemistry

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 305 Organic Chemistry I</td>
<td>4</td>
<td>CHM 306 Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 400 Chemistry Seminar</td>
<td>1</td>
<td>CHM 401 Chemistry Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHM 301 Chemical Safety</td>
<td>1</td>
<td>CHM 457 Environmental Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 405 Physical Chemistry I</td>
<td>3</td>
<td>CHM 406 Physical Chemistry II</td>
<td>3</td>
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</tbody>
</table>

**Elective courses** (one required)

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 488 Environmental Impact Analysis</td>
<td>4–6</td>
<td>ENV 499 Collaborative Research</td>
<td>1–3</td>
</tr>
<tr>
<td>CHM 408 Physical Chemistry Lab I</td>
<td>1</td>
<td>CHM 409 Physical Chemistry Lab II</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>ENV 436 Water Quality Analysis</td>
<td>4</td>
</tr>
</tbody>
</table>

**Corequisite Courses** (14 credits)

- MTH 202 Calculus II 3
- PHS 201 College Physics I 4

### Concentration in Earth Sciences
Electives (20 credits) are chosen with an advisor.

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ESC 325 Wetland Systems</td>
<td>3</td>
<td>ESC 350 Computational Methods(^1)</td>
<td>3</td>
</tr>
<tr>
<td>ESC 412 Hydrology</td>
<td>4</td>
<td>ESC 313 Environmental Climatology</td>
<td>3</td>
</tr>
<tr>
<td>ESC 330 Geographical Information Sys.</td>
<td>3</td>
<td>ESC 314 Climate Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ESC 455 Soil Sciences</td>
<td>3</td>
<td>ESC 418 Watershed Sciences</td>
<td>3</td>
</tr>
<tr>
<td>ESC 464 Environmental Internship</td>
<td>1–3</td>
<td>GEL 415 Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td>ENV 499 Collaborative Research</td>
<td>1–3</td>
<td>ESC 420 Atmospheric Sensing Mtds.</td>
<td></td>
</tr>
<tr>
<td>ENV 419 Limnology</td>
<td>3</td>
<td>ESC 421 Air Pollution</td>
<td>3</td>
</tr>
<tr>
<td>ENV 421 Limnology Laboratory</td>
<td>2</td>
<td>ESC 457 Environmental Geochemistry</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>GEL 462 Groundwater</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEL 457 Environmental Geochemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENV 436 Water Quality Analysis</td>
<td>4</td>
</tr>
</tbody>
</table>

**Corequisite courses** (choose one)

- PHS 115 General Physics with lab 4
- PHS 201 College Physics with lab 4
- CHM 305 Organic Chemistry 4

\(^1\) If taken in core will not count here.

\(^2\) Required course
ENVIRONMENTAL SCIENCE AND BIOLOGY

ENV 111 Principles of Biology (A,L,E). Through lectures and laboratory activities, examines the structure and function of living systems, from cells to the biosphere as a whole. For non-majors. Serves as prerequisite for advanced courses, including BIO 321-322. 4 Cr. Every Semester.

ENV 201 Environmental Science. Environmental science is an interdisciplinary study combining ideas and information from the natural sciences (biology, earth science, chemistry) and the social sciences (economics, politics and ethics) in a lecture and case study approach. The eight integrated themes of the course are (1) biodiversity, (2) sustainability, (3) connections in nature, (4) pollution prevention, (5) population growth, (6) energy and energy efficiency, (7) solutions to environmental problems, and (8) the importance of individuals working together to bring about environmental change. 3 Cr. Lecture only.

ENV 202. Environmental Science (Lecture/ Lab). 4 Cr.

ENV 303 Ecology (A). Prerequisite: BIO 111 or 201 or 202. Covers basic ecology concerned with interrelationships among organisms and the environment. Considers energy flow, materials cycling, population dynamics, principles of animal behavior, as well as natural history in both lectures and field studies. 4 Cr. Every Semester.

ENV 316 Eco-Citizenship (A,J,E). Prerequisite: Junior or senior status. Addresses questions such as: What ecological principles determine how humans can and cannot use the environment? What are the critical environmental problems in the Great Lakes Basin Ecosystem and the world, and how can residents act to solve them? 3 Cr. Every Other Fall.

ENV 319 Biological Oceanography (A). Crosslisted as ESC 319. Provides a brief review of the ocean’s physical, geological and chemical properties, followed by an in-depth study of the biology and life history of marine plants and animals. Concludes with discussions on the ecological roles of marine organisms in selected communities, including inter tidal, coral reef and deep sea habitats. May be taken for credit only once. 3 Cr. Every Other Fall.

ENV 400 Plant Taxonomy (A). Prerequisite: BIO 202. Covers the morphology, evolution, and classification of the vascular plants. Includes lecture topics such as structure and ecological significance, reproductive biology, evolutionary history, and principles of classification. Includes laboratories to survey the diversity of plants and teach the use of technical keys. 4 Cr.

ENV 406 Wildlife Ecology. This lab and lecture course is designed to introduce students to the science of wildlife ecology. The course covers topics such as the population ecology, behavior, nutrition, and diseases of wildlife. Issues such as habitat management, predator prey systems, economics, and the human dimensions of wildlife management are discussed. Lab and field projects include radiotelemetry, census methods, aging white-tailed deer, management plans, population modeling, and habitat preference and suitability models. 4 Cr.

ENV 413 Topics in Plant Biology (A). Prerequisites: BIO 301 and 302, or instructor’s permission. Presents current topics in plant biology, including photosynthesis, plant physiology, development, plant cell biology, control of gene regulation, and nitrogen fixation. Reviews the current scientific literature and examines recent experimental data. 3 Cr. Fall.

ENV 419 Principles of Limnology (A). Prerequisite: BIO 303 or instructor’s permission. Studies the chemical, physical and biological characteristics of streams and lakes. Recommended for students interested in oceanography and marine biology, as well as the study of freshwater streams and lakes. 3 Cr. Fall.

ENV 421 Limnology Lab (A). Prerequisite: BIO 303. Covers the basic methodology of sampling different types of organisms; chemical analysis of water; operation of instruments and sampling gear; and taxonomic identification of selected aquatic organisms. Includes lab and field exercises on Lake Ontario on the department boat. 2 Cr. Fall.

ENV 422 Population Biology (A). Considers the evolution and function of populations. Includes topics such as population genetics, reproductive isolating mechanisms, growth and limitation of populations, life tables, the exclusion principle, predator-prey theory, and species equilibrium theory. 3 Cr. Spring.

ENV 423 Biology of Pollution (A). Prerequisite: BIO 303 or instructor’s permission. Focuses on water pollution problems and effects of pollution on organism physiology, behavior and ecological relationships; bioassay techniques and procedures; and analysis of pollution data. 3 Cr. Every Other Spring.

ENV 425 Practical Field Biology and Lab Pedagogy (B). Cross listed as BIO 425. Required for students working toward teacher certification in secondary biology and general science. Requires students to develop preparation notes, and materials for lab and field experiments. Requires a hands-on experience in the practical
aspects of lab instruction. Does not satisfy the biology major requirements. Enrollment is with the department chairperson. Students work with a selected faculty member. 3 Cr. Every Semester.

ENV 427 Animal Behavior (A,U). Prerequisites: BIO 201 and 202. Explores the behavior of animals in relation to adaptation and phylogenetic history. Covers methods of studying behavior, the effects of genes and environment on behavior, relationships between neural and endocrine function and behavior, foraging, mating strategies and systems, and social systems. Includes lectures, discussions, and laboratory and field exercises. 3 Cr. Fall.

ENV 430 Ornithology. Prerequisites: BIO 201 and 202. Studies the form, function, ecology, and evolution of birds. Includes topics such as anatomy, physiology, origins and biophysics of flight, migration and annual cycle, mating systems, community ecology, and population ecology of birds. Includes laboratory and field experiences to study anatomy and flight, identification techniques, census methods, and trapping and banding. 4 Cr. Spring.

ENV 436 Water Quality Analysis (A). Prerequisite: CHM 205 or 206, or instructor's permission. Covers the use of a spectrophotometer, fluorometer, gas chromatograph and the atomic absorption spectrophotometer in the chemical analysis of water by standard methods. Designed for students interested in water quality analyses for water treatment plants, sewage plants and for graduate work in limnology. Although the medium for analysis is water, utilizes the instrumentation and techniques applicable to other areas of biology. 4 Cr. Spring.

ENV 437 Biological Investigation and Data Interpretation (A). Cross listed as BIO 437. Provides an introduction to experimental investigation in biology. Includes experimental design, hypothesis formulation and testing, and data interpretation. 3 Cr. Spring.

ENV 439 Conservation Biology (A). Prerequisite: BIO 303 or instructor's permission. Examines current theory and data from evolutionary biology, ecology, and genetics as they relate to the conservation of biological diversity. Includes topics such as cause of extinction, habitat loss and fragmentation, design of nature reserves, landscape ecology, application of basic principles of population biology to species conservation, and restoration ecology. 3 Cr. Spring.

ENV 440 Herpetology. Prerequisites: BIO 201 and 202. Studies the form, function, ecology, and evolution of reptiles and amphibians. Includes topics such as anatomy, physiology, mating systems, population and community ecology, and conservation biology of reptiles and amphibians. Includes lab and field experiences to study anatomy, identification techniques, and census methods. 4 Cr. Spring.

ENV 457 Marine Biology Bahamas (A). Cross listed with ESC 457. A two-week, January intersession field experience in coral reef ecology on San Salvador Island, The Bahamas. Allows students to study identification, behavior and ecology of marine organisms in five different coral reef habitats, and prepare a research report on the habitats and the behavior/ecology of one organism. 3 Cr. Register in Fall.

ENV 459 Mammalogy (A). Prerequisites: BIO 201 and 202. Studies the form, function, ecology, and evolution of mammals. Includes topics such as anatomy, physiology, origins, diet and feeding strategies, population and community ecology, and social systems of mammals. Includes laboratory and field exercises to emphasize habitat selection and population biology of small mammals, anatomy, and classification. 4 Cr. Fall.

ENV 477 Field Biology (A). Covers identification of major groups and common species of plants and animals; energy flow and ecological relationships; and field skills. 4 Cr. Summer.

ENV 483 Aquatic Invertebrates (A). Prerequisites: BIO 419 and 421 or instructor's permission. Explores the importance of invertebrates in the ecosystem; the taxonomy of aquatic invertebrates, including insects, crustacea, mites, leeches, and moluscs; the relationship between classification and identification; and the use of dichotomous keys, sampling equipment, preservation techniques and biological indices. 3 Cr. Spring.

ENV 484 Fish Ecology (A). Prerequisite: BIO 303 or instructor's permission. Explores fish ecology from the behavior of individuals through population dynamics and classification of fishes to the ordinal level. Relates anatomical, physiological, and behavioral adaptations of fishes to their ecology and how recruitment, growth, mortality, and environmental factors interact to influence fish production. 3 Cr. Every Other Spring.

ENV 488 Environmental Impact Analysis (A). Integrates a traditional field biology course with an environmental impact analysis approach. Presents students with an actual site development project (e.g. boat launching site) on or near Lake Ontario. Based on ecological theory, environmental analytical principles, aquatic/terrestrial sampling, and taxonomic skills learned in the course, allows student teams to conduct an environmental assessment of the proposed project and write an environmental impact statement. 4–6 Cr. Summer.

ENV 490 Fishery Techniques and Identification (A). Provides lab and field experience in fish collection, identification, anatomy, and fishery techniques, including netting, electrofishing and quantitative fishery analyses. 2 Cr. Fall.
Film Studies—Interdisciplinary Minor

The film studies program is an interdisciplinary minor designed to aid students in developing a broad understanding of the history of film, an awareness of film language used by filmmakers, and a critical viewing ability. The faculty for the program have been drawn from the Departments of Anthropology, Communication, English and History and bring a variety of experience and perspectives to the study of film.

Students interested in the film studies program should contact Dr. Stanley Rubin, 204 Hartwell Hall, (585) 395-5713, or srubin@brockport.edu.

The film studies minor requires the completion of 16 credits as follows:

<table>
<thead>
<tr>
<th>Courses</th>
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<tbody>
<tr>
<td>ENL 200 The Art of the Film</td>
<td>3</td>
</tr>
<tr>
<td>FLM 301 Theory and Criticism of Film</td>
<td>1–3</td>
</tr>
<tr>
<td>FLM 302 Documentary and Experimental Film</td>
<td>3</td>
</tr>
<tr>
<td>One course under the category Film and Society, by advisement</td>
<td>3</td>
</tr>
<tr>
<td>Additional Film Studies courses, by advisement</td>
<td>6</td>
</tr>
</tbody>
</table>

Total: 16

*NOTE: Student may substitute courses in video or film production (e.g. ART 415, CMC 348) for the documentary requirement. See Film Studies advisor for approval.

Film Studies Courses

FLM 301 Theory and Criticism of Film (A). Covers theoretical movements and perspectives such as formalism and realism, semiotics, structuralism, and post-structuralism. Explores key issues and concepts and their practical usefulness in the analysis of filmic texts. Presents historical and contemporary readings and screenings. Offered as an Independent Study. 1–3 Cr.

FLM 302 Documentary Film (A). Provides an introduction to documentary and experimental films. Explores the nature of documentary and experimental films as creative scientific works; as statements by individuals living within particular cultural frame works; as instruments of persuasion and propaganda; and as devices which expand our perspectives on the world around us. 3 Cr.

FLM 404 Documentary Film Production (A). Provides an introduction to video production, emphasizing the pre-production process: selection of EFP equipment; developing a framework for documentary production, including appropriate references; and preparing to interview experts. Entails some discussion of computer shot logs, time coding, video-to-audio transfers for transcriptions, and the preparation of narrative. Requires no production experience and includes no editing. 3 Cr.

FLM 490 Topics in Film (A). Addresses current topics, issues, controversies, etc. in film studies. Specific topics vary each semester. Descriptions of specific topics offered may be obtained from the director of film studies. May be taken more than once for credit if the topics differ. 1–3 Cr.

FLM 491 Seminar in Film (A). To be defined by the instructor in accordance with the specific subject matter covered that semester. Content varies with the appropriate subtitles provided. Example: “The Coen Brothers.” 3 Cr.
As the nations of the world become more interdependent, knowledge of the world’s languages and understanding of world cultures become more significant for effective global communication and peaceful coexistence.

**Careers**

Foreign language majors enter the teaching field and many other professions. A second major or a minor in a foreign language is of great use in the humanities, fine arts and social and natural sciences. All levels of business and government need people trained in foreign languages and accustomed to dealing with matters from a global perspective.

**Courses**

Language courses are given in the main fields of French and Spanish, from the beginning to the advanced levels. Basic courses in Chinese, Italian, Japanese, Russian and American Sign Language are also offered.

Civilization and literature courses in the foreign languages are offered only in French and Spanish. Culture courses in English (FCE) satisfy a College-wide need in the area of intercultural studies.

**Foreign Language Competency Requirements for the Bachelor of Arts**

Students pursuing a bachelor of arts are required to demonstrate competency in one foreign language. This competency can be demonstrated by successful completion of the second semester of the intermediate year of college instruction in a foreign language or a more advanced course.

**Notes Regarding the Foreign Language Requirement**

1. Students who have successfully completed high school foreign language courses and who do not consider themselves qualified for placement according to the schedule listed may request to audit foreign language skills courses for no credit.

2. Transfer students from accredited colleges may transfer earned foreign language credit to SUNY Brockport under the same regulations governing all transfers of course credit.

3. For information on the Foreign Language requirement for General Education and teacher certification, please see the relevant sections of the catalog.

**Placement in Lower-division Language Courses**

The following guidelines apply for placement in language courses:

- Course 111 is open to students with 0-1 year of high school language.
- Course 112 is open to students with 1-2 years of high school language.
- Course 211 is open to students with 2-3 years of high school language.
- Course 212 is open to students with 3-4 years of high school language.

For exceptions to this policy, consult the department.

**Language Laboratories**

A language media center with equipment for use with a variety of instructional software is housed in 110 Tower Fine Arts Center.

**Study Abroad**

The department sponsors semester-abroad and/or summer programs in Tours, France; Cuernavaca, Mexico; and San Jose, Costa Rica. Internships are available in Costa Rica and Mexico.
Students may also participate in study programs in various other countries. Foreign language majors are expected to participate in a study-abroad program in a French- or Spanish-speaking country, as appropriate.

**Majors**

Students may major or minor in French or Spanish, or double major in the two languages or in one of the languages and another field. Spanish offers two tracks: Language, Literature and Civilization; and Bilingual-Multicultural Studies.

**Credit by Examination**

College credit and/or waivers of certain foreign language courses may be obtained by satisfactory scores on CLEP, Regents College Examinations, Advanced Placement Foreign Language Examinations of the College Board Examinations, and other examinations accepted by SUNY Brockport. The CLEP must be taken before taking 300- and 400-level courses.

Such credit and/or waivers will not reduce the number of credits required in course work for the major. For information on credit by exam at the upper-division level, please contact the department.

**Honors**

Each year, the department awards the Jorge Marti Prize to an outstanding student in Spanish, and the Eric Steel Prize to an outstanding student in French. In addition, the Departmental Scholar is selected from among seniors who expect to be graduated in May, August, or December of the corresponding year. He or she is selected on the basis of grade point average, grades in the foreign language major, and strengths in other subjects.

**Teacher Certification Program**

Students interested in specific requirements in elementary and secondary education should consult the members of the Department of Education and Human Development. All French/Spanish transfer and SUNY Brockport students seeking certification in French or Spanish must pass a qualifying examination that covers listening comprehension, speaking, reading, and writing of French or Spanish. In addition, any transfer student wishing to complete teacher certification in French or Spanish who has not completed the French or Spanish major at Brockport, must complete at least one 400-level French or Spanish course at Brockport.

**MAJOR IN FRENCH—30 CREDITS**

A. **Prerequisites:**

1. 2.0 overall GPA
2. 2.5 GPA in French courses taken at Brockport

Prerequisite for all 300-level courses: FRN 212 or equivalent
Prerequisites for all 400-level courses: FRN 350, 351, 352

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRN 350 Communication in French</td>
</tr>
<tr>
<td>FRN 351 Written Expression</td>
</tr>
<tr>
<td>FRN 352 Introduction to French Studies</td>
</tr>
<tr>
<td>FRN 355 French Attitudes</td>
</tr>
<tr>
<td>FRN 454 French Literature I</td>
</tr>
<tr>
<td>FRN 456 Literatures and Cultures of the Francophone World</td>
</tr>
<tr>
<td>FRN 457 French Thought in Social Context</td>
</tr>
<tr>
<td>FRN 458 French Literature II</td>
</tr>
</tbody>
</table>

**Total:** **24**
C. Elective Courses—6 credits (any two)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRN 399</td>
<td>Independent Study in French</td>
<td>3</td>
</tr>
<tr>
<td>FRN 450</td>
<td>French Studies</td>
<td>3</td>
</tr>
<tr>
<td>FRN 451</td>
<td>Doing Business in French</td>
<td>3</td>
</tr>
<tr>
<td>FRN 453</td>
<td>French Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>FRN 499</td>
<td>Independent Study in French</td>
<td>3</td>
</tr>
</tbody>
</table>

Total elective credits: 6

Total: 30

(Inclusion of independent studies to meet an elective requirement will be considered on a case-by-case basis. Otherwise, elective credits can be fulfilled through regular course offerings.)

These courses are offered only on the Tours, France, program: FRN 302 Advanced Grammar, FRN 312 French Civilization to 1945, FRN 320 Diction and Comprehension, FRN 321 Introduction to French Literature, FRN 322 Advanced Conversation, FRN 323 French Composition, FRN 324 Reading French, and FRN 325 France Today. They may count toward the major or minor.

D. Other Requirements

All courses in the major must be completed with a grade of “C” or higher. Courses with grades lower than “C” must be repeated.

E. Study Abroad

It is expected that students majoring in French will participate in the SUNY Brockport program in Tours, France, or another study-abroad program in a French-speaking country.

F. Teacher Certification

We strongly recommend that candidates seeking certification to teach French study another language as well.

NOTE: Students whose proficiency in French is beyond that expected of those who complete FRN 350 and/or 351, should substitute these courses with 400-level French courses. For information about opportunities for credit by exam, please contact the department.

MAJOR IN SPANISH. TWO TRACKS

TRACK ONE: Language, Literature and Civilization – 33 credits

A. Prerequisites

1. 2.0 overall GPA
2. 2.5 GPA in Spanish courses taken at SUNY Brockport

B. Core/Required Courses—27 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 350</td>
<td>Communication in Spanish</td>
<td>3</td>
</tr>
<tr>
<td>SPN 351</td>
<td>Composition and Grammar Review</td>
<td>3</td>
</tr>
<tr>
<td>SPN 352</td>
<td>Hispanic World Today</td>
<td>3</td>
</tr>
<tr>
<td>SPN 353</td>
<td>Literature and Cultures of Spain I</td>
<td>3</td>
</tr>
<tr>
<td>SPN 354</td>
<td>Literature and Cultures of Spanish-America I</td>
<td>3</td>
</tr>
<tr>
<td>SPN 363</td>
<td>Literature and Cultures of Spain II</td>
<td>3</td>
</tr>
<tr>
<td>SPN 364</td>
<td>Literature and Cultures of Spanish-America II</td>
<td>3</td>
</tr>
<tr>
<td>SPN 460</td>
<td>Spanish Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>SPN 461</td>
<td>Advanced Spanish Grammar</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 27
C. Electives—6 credits at the 300/400 level (any two)  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*SPN 360</td>
<td>Spanish for Native Speakers</td>
<td>3</td>
</tr>
<tr>
<td>SPN 399</td>
<td>Independent Study in Spanish</td>
<td>3</td>
</tr>
<tr>
<td>SPN 450</td>
<td>Topics in Hispanic Literature and Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPN 451</td>
<td>Spanish for the Professions</td>
<td>3</td>
</tr>
<tr>
<td>SPN 452</td>
<td>Hispanic Cultures Through Film</td>
<td>3</td>
</tr>
<tr>
<td>SPN 453</td>
<td>Spanish-American Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>SPN 454</td>
<td>Hispanic Literatures and Cultures in the US</td>
<td>3</td>
</tr>
<tr>
<td>SPN 455</td>
<td>Hispanic Popular Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPN 456</td>
<td>Literature and Culture of the Caribbean</td>
<td>3</td>
</tr>
<tr>
<td>SPN 457</td>
<td>Contemporary Spanish Writers</td>
<td>3</td>
</tr>
<tr>
<td>SPN 458</td>
<td>Contemporary Spanish-American Writers</td>
<td>3</td>
</tr>
<tr>
<td>SPN 459</td>
<td>Mexico Today</td>
<td>3</td>
</tr>
<tr>
<td>SPN 462</td>
<td>Spanish Language Variations in the US</td>
<td>3</td>
</tr>
<tr>
<td>SPN 499</td>
<td>Independent Study in Spanish</td>
<td>3</td>
</tr>
</tbody>
</table>

Total electives: 6

Total credits for TRACK ONE of the Spanish major: 33

The following courses are not offered SUNY-Brockport. They are for credit through programs in Spanish-speaking countries. **These courses count as electives in the Spanish major or minor in both tracks.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 301</td>
<td>Spanish Grammar Review</td>
<td>3</td>
</tr>
<tr>
<td>SPN 322</td>
<td>Spanish Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPN 323</td>
<td>Intermediate Spanish Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPN 326</td>
<td>Costa Rican Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

*Indicates by advisement.

D. Other Requirements
2.5 GPA in Spanish courses. All courses in the major must be completed with a grade of “C” or higher. Courses with grades lower than “C” must be repeated.

E. Study Abroad
It is expected that students majoring in Spanish will participate in the SUNY Brockport program in San Jose, Costa Rica; or Cuernavaca, Mexico; or another study-abroad program in a Spanish-speaking country.

F. Teacher Certification
We strongly recommend that candidates seeking certification to teach Spanish study another language as well.

**NOTE:** Students whose proficiency in Spanish is beyond that expected of those who complete SPN 350, and/or SPN 351, must substitute these courses with 400-level Spanish courses. For information about opportunities for credit by exam, please contact the department.

TRACK TWO: Interdisciplinary Major in Bilingual-Multicultural Studies—36 credit

A. Prerequisites:
1. Complete with a grade of “C” or better, 12 credits in Spanish or the equivalent through appropriate testing.
2. Complete the communication skills core requirements or the equivalent with a grade of “C” or better.
B. OPTIONS IN TRACK TWO

OPTION A. Course requirements (36 credits)

1. Required Courses (27 credits)
   
   a. Language proficiency (9 credits)
   
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 350 Communication in Spanish</td>
<td>3</td>
</tr>
<tr>
<td>SPN 351 Composition and Grammar Review</td>
<td>3</td>
</tr>
<tr>
<td>SPN 352 Hispanic World Today</td>
<td>3</td>
</tr>
</tbody>
</table>
   
   b. Language theory and practice (9 credits)
   
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 460 Spanish Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>SPN 461 Advanced Spanish Grammar</td>
<td>3</td>
</tr>
<tr>
<td>SPN 462 Spanish Language Variations in the US</td>
<td>3</td>
</tr>
</tbody>
</table>
   
   c. Literature, culture and civilization (6 credits)
   
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two 300/400-level courses in Spanish in literature, or culture and civilization of Spain or Spanish America</td>
<td>6</td>
</tr>
</tbody>
</table>
   
   d. Multicultural awareness (3 credits)
   
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCE 420 Multiculturalism in the US</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Elective courses* (9 credits)

   Total: 36

OPTION B. Course Requirements (36 credits)

(For students seeking a bilingual-multicultural education extension certificate)

1. Required courses (33 credits)

   a. Language proficiency (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 350 Communication in Spanish OR (by advisement)</td>
<td>3</td>
</tr>
<tr>
<td>SPN 351 Composition and Grammar Review</td>
<td>3</td>
</tr>
<tr>
<td>SPN 352 Hispanic World Today</td>
<td>3</td>
</tr>
</tbody>
</table>

   b. Language theory and practice (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 460 Spanish Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>SPN 462 Spanish Language Variations in the US</td>
<td>3</td>
</tr>
<tr>
<td>EDI 421 The Bilingual Child</td>
<td>3</td>
</tr>
<tr>
<td>EDI 422 TESOL: Materials and Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ENL 451 Linguistics OR ENL 455—Sociolinguistics</td>
<td>3</td>
</tr>
</tbody>
</table>

   c. Literature, culture and civilization (3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>One 300/400-level course in Spanish in literature or culture and civilization of Spain or Spanish America</td>
<td>3</td>
</tr>
</tbody>
</table>

   d. Multicultural awareness (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCE 420 Multiculturalism in the US</td>
<td>3</td>
</tr>
<tr>
<td>FCE 426 Foundations of Bilingual Education</td>
<td>3</td>
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</tbody>
</table>

   Total: 36

*Examples of appropriate elective courses for Options A and B:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAS 317 Prejudice, Personality and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ENL 451 Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENL 455 Sociolinguistics</td>
<td>3</td>
</tr>
</tbody>
</table>
ENL 476 Magical Realism 3
FCE 375 Latin-American Women 3
HST 375 Colonial Latin America 3
HST 376 Modern Latin America 3
HST 434 Modern Caribbean 3
HST 438 Women and Gender in Latin-American History 3
HST 494 History of Mexico 3
SOC 317 Prejudice, Personality and Culture 3
SPN 360 Spanish for Native Speakers* 3
SPN 353 Literature and Cultures of Spain I 3
SPN 354 Literature and Cultures of Spanish-America I 3
SPN 363 Literature and Cultures of Spain II 3
SPN 364 Literature and Cultures of Spanish-America II 3
SPN 399 Independent Study in Spanish 3
SPN 450 Topics in Hispanic Literature and Culture 3
SPN 451 Spanish for the Professions 3
SPN 452 Hispanic Cultures Through Film 3
SPN 453 Spanish-American Women Writers 3
SPN 454 Hispanic Literature and Cultures in the US 3
SPN 455 Hispanic Popular Culture 3
SPN 456 Literature and Culture of the Caribbean 3
SPN 457 Contemporary Spanish Writers 3
SPN 458 Contemporary Spanish-American Writers 3
SPN 459 Mexico Today 3
SPN 499 Independent Study in Spanish 3

*Indicates by advisement.

C. Other Requirements for Track Two
2.5 GPA in Spanish courses. All courses in the major must be completed with a grade of “C” or higher. Courses with grades lower than “C” must be repeated.

D. Study Abroad
It is expected that students majoring in Spanish will participate in the SUNY Brockport program in San Jose, Costa Rica; or Cuernavaca, Mexico; or another study-abroad program in a Spanish-speaking country.

NOTE: Students whose proficiency in Spanish is beyond that expected of those who complete SPN 350, and/or SPN 351 should substitute those courses with 400-level Spanish courses. For information about opportunities for credit by exam, please contact the department.

FOREIGN LANGUAGES AND LITERATURES COURSES

FRENCH COURSES
FRN 110 Intensive French (A). As an intensive course, immerses students in the French language and culture. Emphasizes interaction and communication in the classroom. Uses exercises in listening, speaking, reading and writing reinforced with the use of video. 6 Cr.
FRN 111 Beginning French I (A). As an introductory course, develops language skills in French (listening, speaking, reading, and writing), as well as an understanding and appreciation of French-speaking countries of the world. Includes oral comprehension drills, pronunciation exercises, sentence formation, vocabulary, verbs, and simple readings on French cultures. Also includes audio/video work. 3 Cr. Every Semester.
FRN 112 Beginning French II (A). Prerequisites: FRN 111 or one to two years of high school French. Continuation of FRN 111. Further develops language skills (listening, speaking, reading, and writing), as well as the understanding and appreciation of French-speaking countries of the world. Includes regular and irregular verbs, vocabulary building, more complex sentences and more complex readings on French cultures. Also includes audio/video work. 3 Cr. Every Semester.
FRN 211 Intermediate French I (A). Prerequisites: FRN 112 or two to three years of high school French or the equivalent. Continuation of FRN 112. Further develops listening, speaking, reading, and writing skills, as well as an understanding and appreciation of French-speaking countries of the world. Includes regular and irregular verbs in all tenses, advanced vocabulary and sentence formation, and more sophisticated reading on French cultures. Uses explanations in French or English, followed by extensive group and individual practice. Includes audio/video work. 3 Cr. Every Semester.

FRN 212 Intermediate French II (A). Prerequisites: FRN 211 or three to four years of high school French or the equivalent. Continuation of FRN 211. Further develops listening, speaking, reading, and writing skills, as well as an understanding and appreciation of the French-speaking countries of the world. Requires extensive group and individual practice. Includes audio/video work. 3 Cr. Every Semester.

FRN 302 Advanced French Grammar (A). Prerequisite: FRN 212 or the equivalent. Expands active vocabulary, including idioms, as well as modern usage as the basis for oral and written language. Examines linguistic and cultural contrasts as reflected in the language. Emphasizes correct written expression. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 312 French Civilization to 1945 (A). Prerequisite: FRN 212 or the equivalent. Beginning in prehistoric times and ending with World War II, explores artistic, social, political, and cultural events which have produced a rich and varied French culture. Requires reading of short literary texts and use of audiovisual materials. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 320 Diction and Comprehension (A). Prerequisite: FRN 212 or the equivalent. Provides practice in hearing and producing French speech sounds. Emphasizes accuracy to produce native intonations of words and cadence of connected speech. Develops listening comprehension of a variety of French accents. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 321 Introduction to French Literature (A). Prerequisite: FRN 212 or the equivalent. Introduces elements of literary genres (fiction, poetry, and drama) used by representative masters of French literature. Uses presentation of films to illustrate various genres. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 322 Advanced Conversation (A). Prerequisite: FRN 212 or the equivalent. Allows for total immersion in the French language, which fosters the application of the language in the cultural setting. Provides practice in four skills: speaking, reading, writing, and comprehension. Allows students to learn to be at ease with French-speaking people. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 323 French Composition (A). Prerequisite: FRN 212 or the equivalent. Provides active class discussion on a variety of topics geared to the readings in the course. Allows for practice with vocabulary, idiomatic expressions and grammatical structures. Requires weekly compositions. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 324 Reading French (A). Prerequisite: FRN 212 or the equivalent. Improves reading comprehension and introduces rudiments of written and oral textual analysis. Uses readings, which will be brief at first and will increase in length and difficulty throughout the semester. Requires short written assignments, oral presentation and a final exam. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 325 France Today (A). Prerequisite: FRN 212 or the equivalent. Provides an introduction to France, its people and its institutions. Concentrates on France after World War II: the school system, political and cultural life, the economy, family life. Entails contrastive analysis of French and American cultures. Provides continued practice in oral and written French. Offered only in the overseas program in Tours, France. 3 Cr.

FRN 350 Communication in French (A). Prerequisite: FRN 212. Instills confidence in the ability to express oneself orally in everyday, standard French. Provides vocabulary building and practice in idiomatic French. Pays attention to linguistic patterns related to French attitudes and behavior. Studies nonverbal communication and levels of spoken French. Uses video analysis. 3 Cr.

FRN 351 Written Expression (A). Prerequisite: FRN 212. Teaches upper-division students to write clear expository French with correct syntax, clear organization, and with some degree of sophistication in the use of French vocabulary. Requires numerous compositions using different approaches. Uses review of advanced French grammar to expand knowledge of idioms and improve accuracy and range of expression. 3 Cr.

FRN 352 Introduction to French Studies (A). Prerequisite: FRN 212 or the equivalent. Structured as a bridge course to advanced-level work, improves reading comprehension and to introduce students to basic textual analysis. Through an examination of a selection of readings, allows students to develop and expand their vocabulary as well as further refine skills in speaking and writing. Emphasizes advanced grammatical structures in context. 3 Cr.

FRN 355 French Attitudes (A). Prerequisite: FRN 351 or 352. Gives an overview of social, political, educational, cultural, and economic phenomena in
modern-day France in an attempt to explain what motivates a French person. Includes discussion of family structure, government, religion, the educational system, how the French react to their Francophone partners, and the media. Studies French mores and attitudes compared to American ways of life. 3 Cr. Spring.

FRN 371 Brockport Career Exploration Course in French (A). Prerequisite: Demonstrated advanced proficiency in French and the instructor's permission. Offers juniors and seniors an opportunity for career exploration and skill development in French. 3 Cr.

FRN 372 Tutoring College French (A). Prerequisite: FRN 350 or the equivalent. Provides students with the opportunity to facilitate language instruction to Delta College students in French. Allows students to design and develop language instruction materials for the college level. Also allows students to facilitate the language instruction in a weekly basis on a round-table format to discuss practical and theoretical readings on second-language learning, teaching and acquisition. Coordinated by a faculty member of Delta College and the department. Requires approval of the department chair and the instructor prior to registration. 3 Cr. Every Semester.

FRN 399 Independent Study in French (A). Prerequisites: Three 300-level French courses with 3.0 average in French and instructor's permission. Content to be identified in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 1-3 Cr. Every Semester.

FRN 450 French Studies (A). Prerequisites: FRN 350, 351, 352 and 353. Closely studies a specific topic in French/Francophone language, civilization, or literature. The feature selected for analysis may be chosen from the historical or contemporary perspective. Gives the opportunity to examine a particular aspect of Francophone reality in great depth. Requires practice in oral and written French at the advanced level. 3 Cr.

FRN 451 Doing Business in French (A). Prerequisites: FRN 350, 351, 352 and 353. Helps students communicate in a French business environment by increasing their knowledge of French geography and economics by helping them acquire the vocabulary and syntactical structures related to business, and by making students more aware of cultural differences in the conduct of business between the US and France. Emphasizes the reinforcement of oral and written skills. 3 Cr.

FRN 453 French Women Writers (A). Prerequisites: FRN 350, 351, and 352. Studies the presence of eminent women in France's cultural and literary history, contributions they made, difficulties they encountered, and how they embody the French spirit as it lives today. 3 Cr. TBA.

FRN 454 French Literature I: Texts and Contexts (A). Prerequisites FRN 350, 351, and 352. Examines texts by major authors from the Middle Ages to the Revolution. Emphasizes close readings of the texts (including prose, poetry, and theatre) with the purpose of developing critical vocabulary and writing skills. Uses French history to provide the backdrop to help students understand the social forces at play in the periods under study. 3 Cr.

FRN 456 Literature and Cultures of the Francophone World (A). Prerequisite: FRN 458 or equivalent. Offers an array of short stories, poems, novels, or plays written by authors from West Africa, Guadeloupe, and Martinique. Focuses papers and discussions on cultural themes and issues such as national and personal identity emigration/immigration, tradition/modernity, urban and rural life, men's and women's roles, etc. 3 Cr.

FRN 457 French Thought in Social Context (A). Prerequisites: FRN 350, 351, and 352. As a collage of literature, philosophy, and history, gives students a broad perspective of the major intellectual currents in their social context. Uses readings from early periods to the 19th century. 3 Cr.

FRN 458 French Literature II: Texts and Contexts (A). Prerequisites: FRN 350, 351, and 352 or equivalent. Examines texts by major authors from the Napoleonic era to the recent past. Emphasizes close readings of the texts (including prose, poetry, and theatre) with the purpose of developing critical vocabulary and writing skills. Acquaints students with the social circumstances that determined the esthetic movements that marked the period: romanticism, realism, symbolism, surrealism, and existentialism. 3 Cr.

FRN 499 Independent Study in French (A). Prerequisites: Six credits of 400-level French with 3.0 average in French and instructor's permission. Arranged in consultation with the instructor-sponsor in accordance with the procedures of the Office of Academic Advisement prior to registration. 1-3 Cr. Every Semester.

ITALIAN COURSES

ITA 111 Beginning Italian I (A). Develops language skills in Italian (listening, speaking, reading and writing), as well as an understanding and appreciation of Italian culture. Includes oral comprehension drills, pronunciation exercises, sentence formation, vocabulary, verbs, and simple readings on Italian culture. Provides succinct explanations in English, followed by group and individual practice in Italian. Includes audio/video work. 3 Cr. Fall.
SPANISH COURSES

SPN 111 Beginning Spanish I (A). Develops language skills in Spanish (listening, speaking, reading, and writing) as well as the understanding and appreciation of Hispanic cultures. Includes oral comprehension practice, pronunciation exercises, sentence formation, vocabulary, verbs, and simple readings on Hispanic cultures. Provides succinct explanations in English, followed by group and individual practice in Spanish. Includes audio/video work. 3 Cr. Every semester.

SPN 112 Beginning Spanish II (A). Prerequisite: SPN 111 or one to two years of high school Spanish. Continuation of SPN 111. Further develops language skills (listening, speaking, reading and writing) as well as the understanding and appreciation of Hispanic cultures. Includes regular and irregular verbs, vocabulary building, more complex sentences, and more varied readings on Hispanic culture. Provides succinct explanations in English, followed by group and individual practice in Spanish. Includes audio/video work. 3 Cr. Every semester.

SPN 211 Intermediate Spanish I (A). Prerequisites: SPN 111 or three to four years of high school Spanish. Continuation of SPN 211. Further develops listening, speaking, reading, and writing skills, as well as an understanding and appreciation of Hispanic cultures of the world. Requires extensive group and individual practice and includes audio/video work. 3 Cr. Every Semester.

SPN 301 Spanish Grammar Review (A). Prerequisite: SPN 212 or equivalent. Covers essentials of Spanish grammar through a descriptive analysis of the linguistic forms and functions of Spanish. Requires skill applications in oral practice, reading and writing. Offered only through programs in Spanish-speaking countries. 3 Cr.

SPN 302 Spanish Conversation and Composition (A). Prerequisite: SPN 212 or equivalent. Allows for the development of oral and written fluency and vocabulary building. Includes weekly writing assignments such as compositions, journals, etc. Requires active class discussions on a variety of topics from current events or researched themes. Offered only through programs in Spanish-speaking countries. 3 Cr.

SPN 323 Intermediate Spanish Conversation and Composition (A). Prerequisite: SPN 212 or equivalent. Helps students continue developing fluency and vocabulary building, and prepare for the most advanced Spanish Conversation and Composition course. Requires active class participation. Entails writing and discussion on a variety of topics from current events or researched themes in order to gain confidence in thinking, writing and speaking Spanish. Offered only through programs in Spanish-speaking countries. 3 Cr.

SPN 326 Costa Rican Culture (A). Prerequisite: SPN 212 or equivalent. For the program in Costa Rica. Provides an overview of political, social, economic, religious, literary and artistic life in contemporary Costa Rica. Emphasizes cultural contrasts with students' own culture. Entirely in Spanish, includes extensive practice of all language skills. Offered only through programs in Costa Rica. 3 Cr.

SPN 350 Communication in Spanish (A). Prerequisite: SPN 212 or equivalent. Drawing on a selection of multimedia, reinforces students' oral and written language skills in order to prepare them for advanced-level work. Uses weekly reading, writing, listening, and oral assignments on a variety of topics to improve fluency and to build a more extensive vocabulary. Requires active participation in class discussions. 3 Cr. Every Semester.

SPN 351 Composition and Grammar Review (A). Prerequisite: SPN 350. Provides active discussion on a variety of topics or researched themes intended to help students achieve advanced communication skills in Spanish. Uses videos, current events, a literary reader, and newspaper and magazine articles for oral and written practice. Requires weekly compositions, as well as oral presentations and a research paper. 3 Cr. Spring.
SPN 352 Hispanic World Today (AC). Prerequisite: SPN 212. Provides an introduction to the study of language, literature, culture, and civilization, drawing on selected materials and topics from the contemporary Hispanic world. Is structured as a bridge course to advanced-level work in several ways: refinement of language skills, understanding of approaches to study in these areas, and acquisition of specific content knowledge. 3 Cr. Fall.

SPN 353 Literature and Cultures of Spain I (A). Prerequisites: Any two of SPN 350, 351 or 352. Provides a historical survey of the political, social, economic, religious, and artistic life in Spain from pre-Roman times through the 17th century. Studies the main literary genres of the period and covers elementary concepts of literary theory and analysis. Emphasizes the study of figurative and symbolic language. Requires active class participation. 3 Cr. Fall.

SPN 354 Literature and Cultures of Spanish America I (A). Prerequisites: Any two of SPN 350, 351 or 352. Provides an historical survey of the political, social, economic, religious, and artistic life in Spanish America from the pre-Columbian times through the 19th century. Also provides students with an understanding of the various forces and events that have shaped life and culture in the Spanish-speaking territories of America. Studies the main literary genres of the period and covers elementary concepts of literary theory and analysis. Emphasizes the study of figurative and symbolic language. Requires active class participation. 3 Cr. Fall.

SPN 360 Spanish for Native Speakers (A). Prerequisite: By advisement. Helps Hispanic bilingual students expand their knowledge of Spanish by exposing them to models of formal oral and written Spanish. Emphasizes grammatical structures, vocabulary, spelling, and reading comprehension. 3 Cr.

SPN 363 Literature and Cultures of Spain II (A). Prerequisites: Any two of SPN 350, 351 or 352. Provides a historical survey of the political, social, economic, religious, literary and artistic life in Spain from the 18th century to the present. Studies the main literary genres of the period and covers concepts of literary theory and analysis. Emphasizes the study of figurative and symbolic language. Requires active class participation. 3 Cr. Fall.

SPN 364 Literature and Cultures of Spanish America II (A). Prerequisites: Any two of SPN 350, 351, or 352. Provides an historical survey of the political, social, economic, religious, and artistic life in Spanish-America from the 20th century to current times. Also provides students with an understanding of the various forces and events that have shaped life and culture in the Spanish-speaking territories of America. Studies the main literary genres of the period and covers concepts of literary theory and analysis. Emphasizes the study of figurative and symbolic language. Requires active class participation. 3 Cr. Fall.

SPN 370 Brockport Career Exploration Course in Spanish (A). Prerequisites: Demonstrated advanced proficiency in Spanish and instructor’s permission. Offers juniors and seniors an opportunity for career exploration and skill development in Spanish. 3 Cr. Every Semester and Summer as Directed Study.

SPN 372 Tutoring College Spanish (A). Prerequisite: SPN 350 or the equivalent. Provides students with the opportunity to facilitate language instruction to Delta College students in Spanish. Enables students to design and develop language instruction materials for the college level. Also enables students to facilitate language instruction on a weekly basis in a roundtable format to discuss practical and theoretical readings on second-language learning, teaching and acquisition. Coordinated by a faculty member of Delta College and the department. Requires approval of the department chair and course instructor prior to registration. 3 Cr. Every Semester.

SPN 399 Independent Study in Spanish (A). Arranged in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 1-3 Cr. Every Semester.

SPN 450 Topics in Hispanic Literature/Culture (A). Prerequisite: SPN 353 or SPN 354. Covers specific issues and topics in Latin-American or Spanish literature and culture. The topic and historical perspective chosen will be defined according to faculty and student interest. Requires active class discussion and advanced skill in written and oral Spanish. 3 Cr.

SPN 451 Spanish for the Professions (A). Prerequisite: SPN 350. Provides vocabulary, idiomatic expressions, and cultural information useful in professions such as education, health services, business, and law enforcement. Gives extensive practice in specialized oral and written Spanish through simulations involving real life situations in intercultural settings. 3 Cr.

SPN 452 Hispanic Cultures Through Film (A). Prerequisite: SPN 353 or SPN 354. Studies Spanish and Spanish-American cultures through analysis of films concerning the Spanish-speaking world. Gives special attention to the political domain and the ways in which it affects people’s lives, to the evolving role of women in a changing society, and to the influence of indigenous cultures. 3 Cr.

SPN 453 Spanish-American Women Writers (A). Prerequisites: SPN 353 or SPN 354. Following a chronological perspective, studies the work of some of the most important women writers of Spanish America in order to illustrate the evolution of a form of writing that seeks to get rid of stereotypes.
imposed by a male literary tradition. Selects authors to represent different literary movements and reflect on a variety of national problems and to provide the framework for the analysis of cultural images of gender and relevant theoretical concepts related to female writing. After a brief introduction on the cultural conditions that define the emergence of female writing (17th, 18th and 19th centuries), emphasizes the second half of the 20th century and to the social and political context relevant to each text. 3 Cr.

SPN 454 Hispanic Literature and Cultures in the US (A). Prerequisite: SPN 353 or 354. Examines a vast collection of works – plays, novels, poems, essays, and films – by the Hispanic community with particular emphasis on those by Puerto Ricans, Cubans, and Mexican-Americans. Provides students with historical, social, and cultural contexts that condition the increasing Hispanic presence in the US and inform some of the most relevant concerns present in these works. Explores the formation of cultural identity and degree to which gender, race, and social class influence this process. 3 Cr.

SPN 455 Hispanic Popular Culture (A). Prerequisite: SPN 353 or 354. Explores both the materials and the dynamics of popular culture in contemporary Hispanic societies. Analyzes forms such as telenovelas (soap operas), popular music, humor and cartooning, beliefs, and oral narratives; and attention to differing definitions and interpretations of the roles and functions of popular culture in societies. 3 Cr.

SPN 456 Literature and Cultures of the Caribbean (A). Prerequisite: SPN 353 or 354. Covers some of the literary contributions made by outstanding authors of the Spanish-speaking Caribbean: Cuba, the Dominican Republic and Puerto Rico. Includes culturally unique aspects of the region. Gives special emphasis to African heritage and women in society. 3 Cr.

SPN 457 Contemporary Spanish Writers (A). Prerequisite: SPN 353 or 354. Studies 20th-century Spanish literature: e.g., essays, short stories, novels, poetry and plays. Presents the historical and literary contexts in which the selected works emerge and discusses the relationship between the writers and their cultural environment. Also develops analytical perspectives in literary criticism and to strengthen reading and writing skills in Spanish. 3 Cr.

SPN 458 Contemporary Spanish-American Writers (A). Prerequisite: SPN 353 or 354. Studies 20th-century Spanish-American literature; e.g., essays, short stories, novels, poetry, and plays. Presents the historical and literary contexts in which the selected works emerge and discusses the relationship between the writers and their cultural environment. Also develops analytical perspectives in literary criticism and to strengthen reading and writing in Spanish. 3 Cr.

SPN 459 Mexico Today (A). Prerequisite: SPN 353 or 354. Provides an introduction to contemporary Mexico: its history and geography; political, social, and economic systems; art, literature, and music; and people and their lifestyles. Uses films and other audio/visual materials to supplement course content. 3 Cr.

SPN 460 Spanish Phonetics (A). Prerequisite: SPN 350. Provides a description and analysis of the sound system of modern Spanish, based on structural phonemic theory. Also provides intensive practice designed to improve pronunciation of the Spanish language. Gives special attention to analysis and correction of interference from English. 3 Cr. Fall.

SPN 461 Advanced Spanish Grammar (A). Prerequisite: SPN 351. Covers grammatical structures of Spanish and includes a study of Spanish morphology, syntax, and lexicon. Gives special attention to analysis and correction of interference from English. Conducts discussions of specific structures in Spanish, followed by oral and written exercises, including translations. 3 Cr. Spring.

SPN 462 Spanish Language Variations in the USA (A). Prerequisite: SPN 351. Studies the varieties of Spanish spoken in the US by Puerto Ricans, Dominicans, Cubans, Chicanos, etc. Provides an understanding of cultural, social, linguistic, and historical factors that determine language variations. Provides practice in the varieties of Spanish spoken in the US. 3 Cr. Spring.

SPN 499 Independent Study in Spanish (A). Prerequisite. SPN 353 or 354. Arranged in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 1-3 Cr. Every Semester.

FOREIGN CULTURES IN ENGLISH

FCE 201 The French-speaking World (A,H,W,D). Provides a cultural investigation of contemporary France, its people and their value system. Gives particular attention to the effects of French childhood, family life and education on French behavior patterns. Also provides an inquiry into areas such as history, geography, intellectual life, daily living habits, interaction among the French, economy and politics. Explores similarities and differences between French and US civilizations. 3 Cr.

FCE 375 Latin-American Women (A,D,I,W). Analyzes women’s roles within the societies of the Caribbean and Latin America. Develops an understanding of the double standards imposed on men and women. Studies the impact of socialization and the development of a critical consciousness. 3 Cr.
FCE 399 Independent Study of Foreign Culture (A). Independent study conducted in English on one aspect of a foreign culture whose language is taught in the Department of Foreign Languages and Literatures. 1-3 Cr. Every Semester.

FCE 420 Multiculturalism in the US (A, I). Studies how race, social class and ethnicity have influenced cultural interrelations of different minority groups within US society. Analyzes the main theories on the subject such as assimilation, amalgamation and cultural pluralism. Points out how social acceptance, economic possibilities, and political rights are related to those cultural aspects included in the aforementioned concepts. 3 Cr. Spring.

FCE 426 Foundations of Bilingual Education (A). Studies basic bilingual-multicultural topics; how they are closely related to all multilingual-multicultural societies, whether in the US or elsewhere; and how such issues affect the conceptualization of national and international policies, political and social institutions, legal organization, philosophical ideas, and moral and religious concerns. 3 Cr. Fall.

FCE 499 Independent Study of Foreign Culture (A). Independent study conducted in English on some aspect of a foreign culture whose language is taught in the Department of Foreign Languages and Literatures. 1-3 Cr. Every Semester.

OTHER LANGUAGES

ASL 111 Beginning American Sign Language I (A). Develops language skills in American Sign Language (receptive, expressive, interactive) and fosters understanding and appreciation of deaf culture. Includes expressive skills, finger-spelling exercises, sentence formation, vocabulary, verbs, and readings on deaf culture. Uses explanations in English, followed by individual and pair practice in ASL. Requires video work. 3 Cr. Every semester.

ASL 112 Beginning American Sign Language II (A). Prerequisite: ASL 111 or the equivalent. Continuation of ASL 111. Develops language skills in American Sign Language (receptive, expressive, interactive) and fosters understanding and appreciation of deaf culture. Includes expressive skills, finger-spelling exercises, sentence formation, vocabulary, verbs, and readings on deaf culture. Uses explanations in English, followed by individual and pair practice in ASL. Requires video work. 3 Cr. Every Semester.

CHN 111 Beginning Chinese I (A). As an introductory course in modern Mandarin Chinese, develops language skills in Chinese (listening, speaking, reading and writing), as well as understanding and appreciation of Chinese culture. Includes oral comprehension drills, pronunciation exercises, sentence formation, vocabulary, verbs, and simple readings on Chinese culture. Uses succinct explanations in English, followed by group and individual practice in Chinese. 3 Cr.

CHN 112 Beginning Chinese II (A). Prerequisite: CHN 111 or the equivalent. Continuation of CHN 111. Further develops language skills in modern Mandarin Chinese, as well as the understanding and appreciation of Chinese culture. Emphasizes oral use. 3 Cr.

JPN 111 Beginning Japanese I (A). As an introductory course in Japanese, develops language skills in Japanese (listening, speaking, reading and writing), as well as an understanding and appreciation of Japanese culture. Includes oral comprehension drills, pronunciation exercises, sentence formation, vocabulary, verbs, and simple readings on Japanese culture. Uses succinct explanations in English, followed by group and individual practice in Japanese. 3 Cr. Fall.

JPN 112 Beginning Japanese II (A). Prerequisite: JPN 111 or the equivalent. Continuation of JPN 111. Further develops language skills in modern Japanese, as well as the understanding and appreciation of Japanese culture. Emphasizes oral use. 3 Cr. Spring.

RSN 111 Beginning Russian I (A). As an introductory course in Russian, develops language skills in Russian (listening, speaking, reading and writing), as well as understanding and appreciation of Russian culture. Includes oral comprehension drills, pronunciation exercises, sentence formation, vocabulary, verbs and simple readings on Russian culture. Uses succinct explanations in English, followed by group and individual practice in Russian. 3 Cr. Spring.

RSN 112 Beginning Russian II (A). Prerequisite: RSN or the equivalent. Continuation of RSN 111. Further develops language skills (listening, speaking, reading and writing), as well as understanding and appreciation of Russian culture. Includes regular and irregular verbs, vocabulary building, more complex sentences and more complex readings on Russian cultures. Uses succinct explanations in English, followed by group and individual practice in Russian. 3 Cr. Spring.
An interdisciplinary gerontology minor is available for students interested in the study of aging. The gerontology minor includes courses, as available, in biology, psychology, social work and sociology. In addition to a field experience in aging, an elective course that relates to aging may be chosen from a variety of disciplines with the approval of the coordinator. For information or advisement, contact the gerontology coordinator, Robert Rutzen, PhD, Department of Sociology, 110 Faculty Office Building, (585) 395-2619.

The Department of Health Science offers four academic tracks leading to the Bachelor of Science: (1) the professional program in health education, (2) the liberal arts program in health science*, (3) the alcohol and substance abuse studies program, and (4) health care administration.

The professional program in health education provides students with competencies for entry-level positions as health teachers in elementary and secondary schools and as health educators in various community agencies, work sites, and patient education settings. A specific set of prerequisite courses in biology, education, and psychology is required of students pursuing the professional program in health education. These courses are specified below under “Required Courses in Other Disciplines.”

The liberal arts program in health science provides students with an extensive understanding of the knowledge, values, problems, and issues related to health and wellness, disease, disability, and premature death in human populations. The liberal arts program does not require a specific set of prerequisite courses. However, students pursuing this program are encouraged to develop a basic knowledge in several of the many disciplines focusing on the human condition.

The alcohol/substance abuse studies program is designed to assist students in meeting the education and training requirements for the Credentialed Alcoholism and Substance Abuse Counselor (CASAC) issued by the New York State Office of Alcoholism and Substance Abuse Services (OASAS).

For those students interested in careers in health care administration, this program provides generic training (not targeted for any single position or institution) leading to any number of management-related positions in the health care field, including hospitals, nursing homes, public health institutions, insurance companies, and consulting firms. Students pursue study in a broad range of subjects emphasizing both business and health systems-related topics.

All students considering a Department of Health Science program or concentration are invited to contact the department’s undergraduate coordinator, chair or any member of the department faculty for further information and guidance. Each of the programmatic options offered by the department is presented in greater detail below.
The health science faculty has a professional responsibility to deny admission or continuation in any of its undergraduate or graduate programs to any student whose level of performance and/or personal characteristics do not adequately meet academic, professional, or ethical standards.

*The liberal arts health science track may be pursued by students seeking certification as an elementary teacher. Elementary Education Certification requires an appropriate major in an academic area, which includes health science. Elementary education students should contact both their health science advisor and the Department of Education and Human Development as early as possible when planning their program.

**Professional Program: Major for Health Educators**

This program is for students who wish to enter a professional program for health educators in the Department of Health Science. Provisional certification as a health teacher in grades K–12 in New York state is granted after completion of this program and of HLP 495 Practicum in School Health Education. Students enrolled in the professional program must achieve a grade of “C” or better (a grade of “C–” does not meet this requirement) in each required health science course (HLS and HLP) and each required course taken outside of the Department of Health Science for completion of this program. In addition, students must achieve a minimum 2.5 grade point average for all course work completed at SUNY Brockport as a prerequisite to enrollment in any 400-level professional course (HLP).

**A. Required Health Science Liberal Arts Courses (24 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 303</td>
<td>Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLS 313</td>
<td>Introduction to Safety</td>
<td>3</td>
</tr>
<tr>
<td>HLS 311</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLS 312</td>
<td>Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLS 314</td>
<td>Family Life Science</td>
<td>3</td>
</tr>
<tr>
<td>HLS 409</td>
<td>Introduction to Psychoactive Substance Use and Abuse</td>
<td>3</td>
</tr>
<tr>
<td>HLS 419</td>
<td>Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>HLS 488</td>
<td>Applied Biostatistics and Epidemiology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total: 24**

**B. Required Courses in Other Disciplines (11 credits)**

*Bio 321 and 322 have a prerequisite requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 321/322</td>
<td>Anatomy and Physiology I and II</td>
<td>8</td>
</tr>
<tr>
<td>PSH 384</td>
<td>Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDI 325</td>
<td>Understanding the Exceptional Learner</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total: 14**

*PSH 110 or 112 is a strongly recommended prerequisite for PSH 384.*

**C. Required Professional Health Education Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP 302</td>
<td>Foundations of Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HLP 491</td>
<td>Health Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>HLP 492</td>
<td>Interpersonal Communication in Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HLP 493</td>
<td>Health Education Program Planning and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>HLP 485</td>
<td>Dimensions of Teaching School and Community Health</td>
<td>3</td>
</tr>
<tr>
<td>HLP 486</td>
<td>Field Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

(Note: HLP 491, 492, 493, 485, and 486 are taken concurrently and are offered only in the fall semester. Students may enroll in these courses only after the completion of all General Education requirements and all professional program requirements specified in A, B and C above. A request for a variance from this policy must be approved by the Professional Education Program Committee and the department chairperson.)
HLP 495 Practicum in School Health Education 12
and/or
HLP 496 Practicum in Community Health Education 3–12

Total: 30–42

(Note: HLP 495 and 496 are taken only after the successful completion of all General Education and professional program requirements. A request for a variance from this policy must be approved by the Professional Education Program Committee and the department chairperson. Students in the professional program must complete one, but may choose to complete both of these practica.)

**Liberal Arts Major in Health Science* **

The following curriculum is for liberal arts health science majors* and students who intend to enroll in the Department of Education and Human Development’s Elementary Teacher Certification program who want to major in health science. The course of study consists of three parts: a required core, one course from each of the five content areas, and two electives to be selected with advisement. Students must achieve a grade of “C” or better in each health science course. (A grade of “C~” does not meet this requirement).

**Part 1.**

To ensure a common foundation, all majors must take the following three core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 301</td>
<td>Principles of Healthful Living</td>
</tr>
<tr>
<td>HLS 306</td>
<td>Contemporary Issues in Health (J)</td>
</tr>
<tr>
<td>HLS 488</td>
<td>Applied Biostatistics and Epidemiology</td>
</tr>
</tbody>
</table>


Total: 9

**Part 2.**

To be certain that each student covers the breadth of health science, liberal arts majors* are required to take *at least one* course in each of the five content areas specified below. Only those courses listed below can be used to meet this 15-credit breadth requirement.

<table>
<thead>
<tr>
<th>Group I</th>
<th>Consumer and Community Health</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 303</td>
<td>Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLS 475</td>
<td>Computer Applications in Health</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group II</th>
<th>Mental and Emotional Health</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 312</td>
<td>Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLS 471</td>
<td>Child and Adolescent Stress</td>
<td>3</td>
</tr>
<tr>
<td>HLS 423</td>
<td>Theories of Addiction</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group III</th>
<th>Alcohol, Tobacco, and Other Drugs</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 409</td>
<td>Introduction to Psychoactive Substance Use and Abuse</td>
<td>3</td>
</tr>
<tr>
<td>HLS 418</td>
<td>Alcohol Use and Abuse</td>
<td>3</td>
</tr>
<tr>
<td>HLS 445</td>
<td>Psychopharmacology of Alcohol and Substance Use and Abuse</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group IV</th>
<th>Family Living/Growth and Development</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 314</td>
<td>Family Life Science</td>
<td>3</td>
</tr>
<tr>
<td>HLS 419</td>
<td>Human Sexuality</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group V</th>
<th>Personal Health/Disease</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 311</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLS 426</td>
<td>HIV/AIDS</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part 3.**

Each student selects at least two additional health science courses with the approval of a faculty advisor.

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

**Total: 30**
*For those not pursuing a professional program in health education, health administration or the alcohol and substance abuse studies tracks. Students pursuing health administration or the alcohol and substance abuse studies tracks should refer to the following sections specific to these areas:

**Alcohol/Substance Abuse Studies**

The Alcohol and Substance Abuse Studies Program (ASAP) may be pursued as a track in health science, as a complete set of electives to complement another major, as a complete set of courses for a non-matriculated student, or selectively as independent electives. The ASAP courses partially fulfill requirements for the New York State Office of Alcoholism and Substance Abuse Services (OASAS) Credentialed Alcoholism and Substance Abuse Counselor examination. Current CASAC holders may elect to take some or all of these courses to fulfill the continuing education requirements of the credential. Students must achieve a grade of “C” or better in each health science course. (A grade of “C–” does not meet this requirement).

Students majoring in this program are required to complete the following core courses:

<table>
<thead>
<tr>
<th>Required for ASAP Concentration (30–36 Credits)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS 301 Principles of Healthful Living</td>
<td>3</td>
</tr>
<tr>
<td>HLS 488 Applied Biostatistics and Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

**Health Care Administration**

In keeping with the needs of the expected job positions, education is geared to both business and health science-related skills. All courses in this 30-credit program are three credits and are offered at SUNY Brockport MetroCenter in downtown Rochester either Saturdays or evenings. (Courses marked with an asterisk below are only offered at the MetroCenter.) Courses designated with “F” or “S” are fall or spring only. Students must achieve a grade of “C” or better in each health science and required business and accounting course. (A grade of “C–” does not meet this requirement).

Please note: HLS 301 and 306 are not required for this program as they are for other programs in health science in order to focus more attention on administrative issues and keep
within the 30-credit framework. Students are reminded that they need to complete a contem-
porary issues course as part of the College General Education requirements, and HLS 306 is
recommended for this purpose.

Required Health Science Courses
HLS 410* Introduction to Health Care Administration (F)
HLS 411* Management Communications (F)
HLS 412* Health Care Administration Planning (S)
HLS 413* Health Risk Management (S)
HLS 488 Biostatistics and Epidemiology (S)
HLS 496 Internship (offered spring and summer)

*Offered only at SUNY Brockport MetroCenter.

Required Business Courses
ACC 280 Principles of Accounting
BUS 335 Principles of Marketing
BUS 365 Principles of Management
BUS 465 Personnel Administration

Suggested Electives
BUS 317 Introduction to Management Information Systems
CMC 316 Interpersonal Communications in Business and the Professions
CMC 332 Public Relations Principles and Practices
ECN 333 Health Economics (S)
PSH 397 Health Psychology

Prerequisites
HLS 411 Requires proficiency in word processing
MTH 121 or higher Prerequisite for BUS 280
BUS 317 and 365 Prerequisites for BUS 465
CMC 262 Prerequisite for CMC 332
ECN 201 or 111 Prerequisites for ECN 333
AND
PSH 110 or 112 Prerequisites for PSH 397

LIBERAL ARTS COURSES

HLS 210 First Aid and Community CPR for Athletics (A). Identifies the role of the coach/teacher responder and the Emergency Medical Service (EMS). Focuses on first aid management for life-threatening and non-life-threatening emergencies such as choking, respiratory cardiac arrest, bleeding, shock, temperature-related problems and injuries incurred during athletic activities. After successful completion, the student is eligible for American Red Cross Responding to Emergencies and Community CPR Certifications. (Required for NYS Teacher Certification in Physical Education and NYS Coaching Certification). 2 Cr. Every Semester.

HLS 301 Principles of Healthful Living (A). Focuses on lifestyle factors and their relationships to well-being, behaviors, and disease. Explores health content areas, defined by NYS Education Department. Includes these topics: drug use and abuse, nutrition, personal and community health, safety education (identifying dangerous environments, prevention of child abduction, fire, and arson), communication skills for productive relationships (i.e. conflict resolution), identifying and reporting suspected child abuse/maltreatment, and SAFE Schools Against Violence Education Legislation Certification. 3 Cr. Every Semester.

HLS 303 Environmental Health (A,C,E). Focuses on present and future issues regarding the people resource-pollution crises. Places specific emphasis on enhancing awareness and understanding of the environment’s impact on human health. Also addresses sustainable ethics and the individual’s ability to influence public policy. Examines the role of public health and education in the mitigation of environmental problems. 3 Cr. Every Semester.

HLS 306 Contemporary Issues in Health (A,J,D,E). Prerequisite: Junior or senior status or instructor’s permission. Provides for the identification and analysis of current critical health and
health care issues in the US; focuses on ethical, legal, economic, and social implications of controversial health issues; and examines the dynamics of the American health care system from the perspective of the patient, consumer, and health care provider. 3 Cr. Every Semester.

HLS 311 Nutrition (A). Explores nutrients as they relate to digestion, transport, absorption, storage, and energy metabolism. Examines energy balance, weight management, and the physical and chemical composition of foods, including dietary adequacy and needs throughout the life cycle. Also addresses current nutritional issues and consumerism with application to personal nutritional status. 3 Cr. Every Semester.

HLS 312 Mental Health (A). Explores the concept of mental health, including various models and theories of mental health; emphasizes the importance of effective interpersonal communications, self-esteem, and the highlights practical aspects and underlying dynamics of personal growth. Studies information relevant to particular diverse groups including the elderly and handicapped, rape and suicide prevention, wife and child abuse, maltreatment and neglect. Fulfills the Child Abuse Detection Training requirement. 3 Cr. Every Semester.

HLS 313 Introduction to Safety (A). Surveys the causes of accidents in our society, how they occur, and the necessary action that has to be taken to avoid them. Devotes additional study to the impact accidents have on our economy, industry, and the psychology of accident causation. 3 Cr. Every Semester.

HLS 314 Family Life Science (A). Provides for the study of diverse family forms in the US today. Examines cultural and social factors affecting family life; explores how family dynamics affect the health of each individual, analyzes components of successful family life; and identifies common problems within families and strategies for their resolution. 3 Cr. Every Semester.

HLS 399 Independent Study in Health Science (A). To be defined in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 3 Cr. Every Semester.

HLS 402 Women's Health (A, W). Provides a study of women as healthy functioning human beings. Includes lecture and discussion with guest speakers (when available) to present positive information and insights on the anatomical, physiological, mental, spiritual, and emotional aspects of contemporary women. 3 Cr.

HLS 409 Introduction to Psychoactive Substance Use and Abuse (A). Prerequisite: Junior or senior status or instructor's permission. Introduces students to a variety of drug problems, including alcohol and tobacco, in contemporary society. Analyzes the diverse determinants (e.g., pharmacologic, behavioral, social, economic, historic) of these problems. Discusses effective substance abuse prevention strategies. 3 Cr. Every Semester.

HLS 410 Introduction to Health Care Administration (A). Provides an overview of health systems in this country, including the personal health care and public health sectors. Presents critical factors in the history, organization, delivery, and financing of health services. Places emphasis on identifying and analyzing current trends in the health field and their implication for health care administrators. 3 Cr. Fall.

HLS 411 Health Care Management Communication (A). Provides an overview of health care communication issues essential in performing the managerial role. Includes a wide variety of topics that will enhance skill development in the areas of interpersonal, public speaking, and persuasive communication; meeting organization and management; and business letter, memo, and policy writing. Provides instruction in the use of graphics presentation software. 3 Cr.

HLS 412 Health Care Administration Planning. Investigates the planning process as applied to a health care setting. Includes these topics: assessing need, analyzing quantitative and qualitative data, health care law and regulations, the budgeting process, and process and outcome evaluation. Involves applying the planning process towards the preparation of a proposal. 3 Cr. Spring.

HLS 413 Health Risk Management. Explores health behaviors and demand management concepts as applied to the health care system, particularly within the changing models of health care delivery. Studies specific lifestyle factors for their relationships to disease management, cost control, and self-care. Identifies selected personal risk factors and explores in relationship to individual modification. Emphasizes models and theories in behavioral medicine, including environmental, organizational, and psycho-social determinants of health behavior. 3 Cr. Spring.

HLS 418 Alcohol Use and Abuse (A). Examines patterns and symptomatology of alcohol use and abuse, the Medical Model/Disease Concept of Alcoholism, the DSM IV criteria for alcohol abuse and dependency, and other various models of alcohol use and abuse, including relapse prevention strategies. Explores theories of codependency, treatment modalities and evaluation methodologies for clinical and educational interventions. Also examines the significance of alcohol and other drugs as they impact the criminal justice,
HLS 419 Human Sexuality (A,W). Cross-listed as WMS 419. Prerequisite: Junior or senior status or instructor’s permission. Provides each student with the opportunity to gain an awareness of himself/herself and others as sexual beings. Examines sexual knowledge, attitudes and behaviors throughout the various life stages in order to integrate human sexuality into one’s total health and well-being. 3 Cr. Every Semester.

HLS 421 Group Counseling Skills for Alcoholism and Substance Abuse Counselors (A). Prerequisite: HLS 418 or program coordinator’s permission. Introduces students to the basic foundations of group dynamics and group therapy. Deals with the historical development of the group process movement, stages and techniques of group therapy, curative aspects of the group process, interpersonal learning, and problems associated with group process. 3 Cr. Every Semester.

HLS 422 Individual Treatment Planning for Alcoholism and Substance Abuse Counselors (A). Prerequisite: HLS 418, 423, 435 or program coordinator’s permission. Introduces students to the elements of individualized treatment planning; provides in-depth coverage of client goal formulation; and requires writing and evaluation of attainable client objectives. Also examines the biopsychosocial-spiritual aspects of the individualized treatment plan and client case management. 3 Cr. Every Semester.

HLS 423 Theories on Alcoholism and Substance Abuse Addiction (A, U). Prerequisite: HLS 418 or program coordinator’s permission. Reviews major contemporary theories on alcoholism and other addictions (disease model, psychoanalytic formulations, conditioning models, social learning analyses, family systems perspectives, and socio-cultural view points). Critically evaluates the concepts and research generated from each perspective. Analyzes the usefulness of each theory in the practice of substance abuse counseling. Gives special attention to family systems theory. 3 Cr. Spring.

HLS 424 Alcoholism/Substance Abuse Counseling for Diverse Populations (A, W, D). Prerequisite: HLS 418 or program coordinator’s permission. Prepares students for working in a counseling setting with alcohol/substance abusers having multiple emotional and developmental disabilities, criminal justice clients, and individuals from diverse population groups including Native Americans, Latinos, people of color, women, and gays/lesbians. 3 Cr. Fall.

HLS 426 HIV/AIDS: Issues and Implications (A, W,D,E). Examines HIV/AIDS issues and implications facing the United States today; provides an understanding of the disease, its perceived causes, pathways for transmission, and prevention strategies; and explores the development of educational strategies for schools and community agencies. 3 Cr. Every Semester.

HLS 428 Alcohol and Substance Abuse in the Criminal Justice System (A). Introduces students to the impact of alcohol and illicit substances on the criminal justice system. Discusses drug identification, administration, the psychopharmacology theories of alcohol and substance abuse, and investigation techniques. Also addresses the role of alcohol and substance abuse in the criminal justice system and law enforcement community. 3 Cr. Summer.

HLS 435 Alcohol and Substance Abuse Evaluation and Assessment (B, U). Prerequisite: HLS 418 or program coordinator’s permission. Covers the theory and methodology of measurement, assessment and evaluation in alcohol and substance abuse and alcoholism and dependence. Studies the more widely researched and utilized methods of assessment: interviews, structured tests, behavioral assessments, objective techniques, projective techniques, neuropsychological evaluation and clinical reports. Employs extensive use of clinical materials to illustrate uses and limitations of various techniques. 3 Cr. Fall.

HLS 445 Psychopharmacology of Alcohol and Substance Abuse (A,E). Prerequisite: HLS 418, PSH 110 or 112, or program coordinator’s permission. Covers the effects of alcohol, opiates, stimulants, and other drugs, especially their effects on the central nervous system, behavior and mood. Includes the learning and motivational components of drug tolerance and addiction. 3 Cr. Spring.

HLS 470 Health Implications of Stress (A). Involves a comprehensive study of research, theory, and empirical knowledge of the psychosomatic implications of stress on health and disease. Examines the nature of stress, and the effects of stress on the human organism, including an examination of physiological, psychological, and behavioral symptoms and changes. Also examines the causes of stress during various stages of life, as well as occupational and family sources of stress; and studies and allows for the practice of behavioral interventions and specific techniques. 3 Cr.

HLS 471 Childhood and Adolescent Stress (A). Provides an overview of stress and its effects on children and adolescents in today’s society; the nature, symptoms, and causes of stress in children and adolescents; positive and negative ways children and adolescents manage stress; useful techniques for controlling and reducing stress in a healthful manner; and how parents, teachers, and health professionals can help young people manage stress. 3 Cr.
HLS 475 Computer Applications in Health Education (A). Provides students with an introduction to the potential issues of microcomputers in the field of health education. Covers a range of hardware and examines general and specific software applications of microcomputer technology to the practice of health education. Explores important social, educational, legal, and ethical issues related to the use of technology in health education. 3 Cr. Every Semester.

HLS 488 Applied Biostatistics and Epidemiology (A). Provides an overview of descriptive and inferential statistics using computer software. Includes topics such as hypothesis testing and interpretation of data from health science and epidemiologic research, including the calculation of rates, sampling theory, and types of studies; and allows the student to better interpret the medical literature. 3 Cr. Every Semester.

HLS 490 Selected Topics in Health Science (A). To be defined by the instructor in accordance with the specific topic to be covered that semester. May be repeated, but under another topic area in health science. Additional information may be obtained from the department. 1–6 Cr. Every Semester.

HLS 496 Internship in Health Care Administration (A). Prerequisites: HLS 410, 411, 412, 413, and 488; ACC 280; BUS 335, and 365 and 465; minimum grade of “C” for all required HLS and BUS courses and 2.5 GPA for all courses completed at SUNY Brockport or coordinator’s permission. Provides an administrative field work experience at a health care setting. Allows the student to apply course work knowledge and skills to a health care administrative problem. Involves completion of a major, negotiated project at the targeted organization. 3 Cr. Spring, Summer.

HLS 497 Alcohol and Substance Abuse Internship Seminar (B). Prerequisites: HLS 418, 421, 422, 423, 424, 435, and 445; minimum grade of “C” for all required ASAP courses and 2.5 GPA for all courses completed at SUNY Brockport or seminar faculty’s permission. Designed to be taken concurrently with HLS 497 and HLP 498. Allows students to process their experience in the field in a clinical group supervision format. Addresses issues which present themselves within the internship setting, including situations with clients, peers, and supervisors. Covers ethics, confidentiality, and diversity issues. (Satisfactory/ Unsatisfactory) 3 Cr. Every Semester.

HLS 499 Independent Study in Health Science (A). To be defined in consultation with the instructor-sponsor and procedures of the Office of Academic Advisement. 3 Cr. Every Semester.

**Health Education Professional Courses**

HLP 302 Foundations of Health Education (B). Prerequisite: Health science major. Covers health education philosophy; history; present status and future projections related to the promotion of healthy lifestyles; appropriate response to human health needs; and principles of learning, goal setting, behavioral objectives, teaching methodologies, evaluation, professional ethics, and legislation. 3 Cr. Every Semester.

HLP 485 Dimensions of Teaching School and Community Health (B). Prerequisites: Completion of all required courses in General Education and in the professional program in health education, and minimum 2.5 GPA for all courses taken at SUNY Brockport; taken concurrently with HLP 486, 491, 492, and 493. Focuses on the practice of strategies and methodologies needed for effectively teaching health education in school and community settings. Includes the process of analyzing and discussing field placement experience (HLP 486) to reinforce theoretical content. Includes these discussion topics, often reinforced by guest speakers with particular expertise: elements of effective instruction, classroom management, learning disabilities, controversial issues, school law, health education standards in New York state, and health education programming in community settings. 3 Cr. Fall.

HLP 486 Field Experience (B). Prerequisites: Same as HLP 485; taken concurrently with HLP 485, 491, 492, and 493. Provides a field experience in a school/community site requiring a minimum of two days per week for each six-week placement. Allows students to begin to demonstrate health education planning, teaching, and evaluation skills plus complementary responsibilities in community and school sites. 3 Cr. Fall.

HLP 491 Health Education Methods (B). Prerequisites: Same as HLP 485; taken concurrently with HLP 485, 486, 492, and 493. Enables students to develop, implement, and evaluate a variety of health education programs for school, community, and work-site settings and audiences; and to utilize appropriate instructional methodologies such as discussion, lecture, problem solving, demonstration, experiment, role play, gaming, newsletter, brochure, television, radio, and computer assisted instruction. 3 Cr. Fall.

HLP 492 Interpersonal Communication in Health Education (B). Prerequisites: Same as HLP 491; taken concurrently with HLP 485, 486, 491, and 493. Enables students to learn basic communication skills and techniques applicable in school and community settings, including counseling, conflict management, small group...
management, and organizational communication. Teaches students problem assessment, identify and tackle problems involving potential suicide, major substance abuse, family violence, abuse, sexual abuse, or neglect. Also teaches students how to develop relationships with appropriate community referral sources and to develop sensitivity to issues involving diversity. 3 Cr. Fall.

HLP 493 Health Education Program Planning and Evaluation (B). Prerequisites: Same as HLP 491; taken concurrently with HLP 485, 486, 491, and 492. Examines contemporary health problems in the United States and investigates the role of health education in solving these problems. Examines theories, methods, strategies, and techniques of health education program planning, implementation, and evaluation. Uses computer applications for data and information gathering and assessment, program planning, and evaluation. 3 Cr. Fall.

HLP 495 Practicum in School Health Education (B). Prerequisites: HLP 485, 486, 491, 492, and 493; minimum 2.5 GPA for all courses completed at SUNY Brockport; and passing score on the LAST (Liberal Arts and Science Test) exam. Provides students with the opportunity to use all of their knowledge, attitude, and behavior skills on a full-time basis in an elementary school site and in a secondary school site under the supervision of an elementary teacher and a health educator, respectively. Also provides students with the opportunity to become proficient in delivering content related to the implementation of the three New York State Learning Standards for Health, Physical Education, and Family and Consumer Sciences. 12 Cr. Spring.

HLP 496 Practicum in Community Health Education (B). Prerequisites: HLP 485, 486, 491, 492, and 493; and minimum 2.5 GPA for all courses completed at SUNY Brockport. Provides students with the opportunity to function as full-time health educators in community, hospital, or work-site settings under the supervision of a health education professional. Allows students to develop, implement, and evaluate health education programs as appropriate for the setting. (Satisfactory/Unsatisfactory) 3–12 Cr. Spring.

HLP 498 Alcoholism and Substance Abuse Program Internship (B). Prerequisites: HLS 418, 421, 422, 423, 424, 435, and 445; 2.5 GPA; and program coordinator’s permission. Provides an internship in an alcoholism and substance abuse treatment facility. Requires students to apply knowledge from course work in a variety of settings with people in varying stages of alcohol and substance abuse and dependence; and to gain experience in assessment, treatment planning, evaluation, making referrals, counseling, therapeutic treatment, and professional ethics. (Satisfactory/Unsatisfactory) 6–12 Cr. Every Semester.