364. Architectural Drafting II
Winter. 3(0-6) EGR 267 or approval of department
Functional and standard procedure in the layout of floor plans in traditional and modern houses. Rendered plot plan and required details.

365. House Planning
Fall, Winter, Spring. 3(1-4)
Elementary house architecture. Drawing plans from sketches. Kitchen planning, house styles, elements of design, financing, heating, lighting.

366. Architectural Perspective Drawing
Fall. 3(0-6) Any engineering graphics course.
One-point and two-point perspective, revolved plan and measuring line methods. Pencil rendering, problems in shade and shadows. House model to scale, optional.

390. Value Engineering
Fall, Winter, Spring. 4(4-0) MAM 240 or approval of department.
The basis of value engineering is function, value, and a group of special techniques developed to aid in isolating and identifying problems created by our complex society and technology.

410. Engineering and Public Policy
Spring. 3(3-0) Seniors or approval of department. Interdepartmental with the Department of Natural Science.
Sociotechnical assessment of impact of technology on society, with analysis of the role of engineering and natural science in contributing to public policy formulation.

411. Systems Methodology
Winter. 3(3-0) IDC 201, MTH 113, CPS 110 or CPS 120. Interdepartmental with and administered by System Sciences.
The systems approach in multidisciplinary large scale problem solving. The development of useful systems analysis tools; systems design; feasibility study; computer simulation for feasibility evaluation.

463. Architectural Drafting III
Spring. 3(0-6) EGR 364, or EGR 365.
Traditional and modern elevations. One- and two-point rendered perspective. Functional plans drawn in EGR 364 or EGR 365 required.

480. Special Problems
Fall, Winter, Spring, Summer. 1 to 4 credits. May be repeated for a maximum of 8 credits. Approval of department.

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ENGLISH

College of Arts and Letters

091. English for Foreign Students—Structures
Fall, Winter, Spring, Summer. Zero credits. (3-3) See page A-3 item 3.) English language proficiency examination. Explanation and intensive practice of basic grammatical structures of English. Students are tested and then placed in small groups, from beginning to advanced, depending on their need.

092. English for Foreign Students—Speaking and Listening
Fall, Winter, Spring, Summer. Zero credits. (3-3) See page A-3 item 3.) English language proficiency examination. Intensive speaking and listening practice of spoken English in small groups (determined by proficiency). For beginners, practice is largely drill. Advanced groups use drill, films, discussion, and practical conversations.

093. English for Foreign Students—Language Laboratory
Fall, Winter, Spring, Summer. Zero credits. (3-3) See page A-3 item 3.) English language proficiency examination. Language laboratory practice in small groups (determined by proficiency). Beginnings review and supplement ENG 091, ENG 092. Advanced groups use carefully prepared lectures, speeches, and presentations to practice structures and vocabulary.

094. English for Foreign Students—Reading
Fall, Winter, Spring, Summer. Zero credits. (3-3) See page A-3 item 3.) English language proficiency examination. Intensive and extensive reading in small groups (determined by proficiency). Beginners emphasize vocabulary development and practice in basic structures. Advanced classes include reading skills, wider reading, and specialized vocabulary.

095. English for Foreign Students—Writing
Fall, Winter, Spring, Summer. Zero credits. (3-3) See page A-3 item 3.) English language proficiency examination. Frequent controlled and free writing in small groups to reduce errors and practice using structures and vocabulary to express ideas. Advanced classes include writing styles used in academic course work.

101. Responses Through Writing
Fall. 4(4-0) Arts and Letters Freshmen only. Students must enroll in and complete ENG 101 satisfactorily to make a substitution for the American Thought and Language requirement. A writing workshop that concentrates on the student's personal writing voice and on his responses to the things, people, and institutions central to his experience.

102. Writing and Composing
Winter. 3(3-0) ENG 101; Arts and Letters Freshmen only. A continuation of ENG 101 that develops the emphasis of ENG 101 and encourages students to write in more public and objective forms—narrative, critical analysis, and issue-oriented essays.

104. Writing for Science Majors
Fall. 3(3-0) Satisfactory grade in English proficiency exam or in Comprehensive English: College of Natural Science majors. Writing workshop for science students that develops and refines composition ability. Approved through Summer 1982.

105. The Scientist as Writer
Winter. 3(3-0) ENG 104. Study of various types of writing by scientists—fiction, poetry, and autobiography as well as English major books. Students will write frequently about the readings. Approved through Fall 1982.

106. Introductory Scientific Writing
Spring. 3(3-0) ENG 105. Writing of popular essays, scientific papers and reports, and other papers related to science. Approved through Winter 1983.

126. The Writer and Literature
Fall, Winter, Spring. 3(3-0) The first term of ATL 121 or above or ENG 101. Modern literature from the writer's perspective. Students also write their own critical and creative work, using journal method.

200H. Honors Work
Fall, Winter, Spring. 1 to 16 credits. Approval of department.

201. Nature of Language
Fall, Winter, Spring, Summer. 3(3-0) Various aspects of language—phonology and orthography, morphology, semantics and the lexicon, syntax, and dialects—with special reference to American English.

205. Introduction to Shakespeare
Fall, Winter, Spring. 3(3-0) Not applicable to major or minor requirements. A study of selected plays illustrating the powers of England's greatest writer.

206. Forms of Literature: Fiction
Fall, Winter, Spring, Summer. 3(3-0) Open to Freshmen.
Major forms of prose fiction, designed to reveal artistic problems met and solved by these forms. Prepares students for advanced literary study by acquainting them with the conventions of various literary forms, by providing a critical vocabulary and by furnishing experience in reading and writing critical evaluations of outstanding literary works from all historical periods.

207. Forms of Literature: Drama
Fall, Winter, Spring, Summer. 3(3-0) Open to Freshmen.
Major forms of drama, designed to reveal artistic problems met and solved by these forms.

208. Forms of Literature: Poetry
Fall, Winter, Spring, Summer. 3(3-0) Open to Freshmen.
Major forms of poetry, designed to reveal artistic problems met and solved by these forms.

210. Introduction to the Study of Literature I
Fall, Winter, 4(4-0) English majors or prospective English majors. Exploration of the major forms of literature, the aims and process of literary study, the cultural and personal functions of literature, and the role of literary study in the University.
211. Introduction to the Study of Literature II
Fall, Winter, Spring. 4(4-0) ENG 210.
A continuation of ENG 210.

213. Writing Workshop
Fall, Winter, Spring. 3(3-0).
A writing workshop designed to help students improve their writing abilities. The course provides opportunities for students to write with different purposes in a variety of modes.

220. English from Greek and Latin Roots
Fall. 3(3-0) Interdepartmental with and administered by Classical Languages. Prefixes, roots, suffixes derived from Greek and Latin word elements used in formation of English words. Useful for improving vocabulary and spelling.

226. Introduction to Creative Writing
Fall, Winter, Spring. 4(4-0) The first term of ATL 121 or above or ENG 101.
Writing of fiction, drama, creative nonfiction, and poetry, with ample practice in several. Some reading of professional contemporary writing. Course organized as workshop, designed for beginning writers.

228A. Fiction Writing
Fall, Winter, Spring. 4(4-0) Written approval of instructor.
The writing of short fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be on the basis of manuscripts submitted to him.

228B. Fiction Writing
Fall, Winter, Spring. 4(4-0) Written approval of instructor.
The writing of fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be on the basis of manuscripts submitted to him.

229. Poetry Writing
Fall, Winter, Spring. 4(4-0) Written approval of instructor.
The writing of poetry. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be on the basis of manuscripts submitted to him.

230. Non-fictional Imaginative Prose Writing
Fall, Winter, Spring. 4(4-0) Written approval of instructor.
The writing of biography, autobiography, and personal essays. Classes and individual conferences.

241. Introduction to Popular Culture (A)
Fall, Winter, Spring. 3(3-0) Freshmen or Sophomores.
Generic and thematic study of the arts and artifacts of popular culture with particular emphasis on writing about the popular culture of contemporary American society.

242. Popular Literary Forms
Fall, Winter, Spring. 3(3-0). May reenroll for a maximum of 6 credits. Freshmen or Sophomores.
Study of a particular genre of popular literature (e.g., science fiction, western, gothic) through reading, discussion, and writing, and with attention to the genre's development in media other than print.

250. Major Themes in English and American Literature
Fall, Winter, Spring. Summer. 3(3-0) May reenroll for a maximum of 6 credits.
A particular theme of significant works of English and American literature in the various social or cultural contexts. Reading, discussion, and writing are essential activities.

252. Introduction to English Language Studies
(401) Fall, Winter, Spring, Summer.
(440) The English language, including such topics as social and regional dialects, sounds, grammar, usage, psycholinguistics, and semantics. Attention is given to practical applications.

260. Grammar and Usage
Winter, Spring. 4(4-0). Completion of the ATL requirement or approval of department.

262. Advanced Workshop in Expository Writing
Winter, Spring, 3(3-0) ENG 213 or approval of department.
Directed practice in the writing of coherent, concise, and forceful expository prose, with special emphasis on practical tasks like the composing of summaries, reports, and position papers.

301. Literature and the Adolescent
(301) Fall, Winter, Spring. 4(3-4) ENG 208; Junior English education majors or written approval of department.
Extensive reading of literature appropriate for high school age. Students will develop formal literature programs in relation to student's reading needs. Methods of analyzing literature and establishing common and individualized reading programs. Will participate in field experience.

322. English Field Experience Internship
(309) Fall, Winter, Spring, Summer. 3 to 5 credits. May reenroll for a maximum of 6 credits. ENG 330, ENG 331, or ENG 409/10 concurrently.
Intensive field experience in English. Interns will be placed in schools for work in middle, junior, and senior high school classrooms and learning centers in the Lansing area.

310. Introduction to English
Fall, Winter, Spring. 3(3-0) Third term ATL course numbered ATL 123 or above or ENG 102.
The English language, including such topics as social and regional dialects, sounds, grammar, usage, psycholinguistics, and semantics. Attention is given to practical applications.

312. Advanced Workshop in Expository Writing
Winter, Spring. 3(3-0) ENG 213 or approval of department.
Directed practice in the writing of coherent, concise, and forceful expository prose, with special emphasis on practical tasks like the composing of summaries, reports, and position papers.

313. Scientific Writing
Winter, Spring. 3(3-0) Science students or students with considerable background in the natural sciences.
Writing of papers, reports and essays.

327. Playwriting
(300C) Winter, Spring. 4(4-0) May reenroll for a maximum of 8 credits. Written approval of instructor.
Basic elements of playwriting: dramatic action, exposition, plotting, characterization, dialogue, mood, and visual effects. Class work will also include discussion of plays.

328. Advanced Fiction Writing
(300A) Fall, Winter, Spring. 4(4-0) May reenroll in ENG 328 and/or ENG 329 for a maximum of 12 credits. ENG 220B and written approval of department.
Advanced work in the writing of fiction. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on manuscripts submitted to the instructor.

329. Advanced Poetry Writing
(300B) Fall, Winter, Spring. 4(4-0) May reenroll in ENG 328 and/or ENG 329 for a maximum of 12 credits. ENG 220B and written approval of department.
Advanced work in the writing of poetry. Classes and individual conferences. Approval to enroll requires a conference with the instructor and will usually be based on manuscripts submitted to the instructor.

330. Composition for Secondary English Teachers
(414) Fall, Winter, Spring. 3(3-4) Sophomore English Education majors or written approval of department.
Writing practice in various modes such as personal narrative and description, the expository essay, drama, poetry, and fiction. Exercises in creative dramatics. Discussion of the process of composing and the teaching of oral and written composition in junior and senior high schools. Will participate in field experience.

331. Literature and the Adolescent
(301) Fall, Winter, Spring. 4(3-4) ENG 208; Junior English education majors or written approval of department.
Extensive reading of literature appropriate for high school age. Students will develop formal literature programs in relation to student's reading needs. Methods of analyzing literature and establishing common and individualized reading programs. Will participate in field experience.

332. English Field Experience Internship
(309) Fall, Winter, Spring, Summer. 3 to 5 credits. May reenroll for a maximum of 6 credits. ENG 330, ENG 331, or ENG 409/10 concurrently.
Intensive field experience in English. Interns will be placed in schools for work in middle, junior, and senior high school classrooms and learning centers in the Lansing area.

340. Studies in Popular Culture
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Majors: ENG 208; others: 6 credits of literature.
Popular Cultures of the United States and England from the 19th Century to the present.

342. Women and Literature
Fall, Winter, Spring. 3(3-0) Third term ATL course numbered ATL 123 or above or ENG 102.
The feminine sensibility as revealed in literary themes and characterizations, through a study of poetry and fiction written by women authors.

343. Regional American Literature
(375) Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits if different topics are taken.
Representative works of a particular geographical region as expressions of its distinctive cultural, historical, and literary characteristics; e.g., in a given term, Middle West, South, New England, or Far West.

344. Jewish-American Literature
(377) Fall, Spring. 3(3-0) The Jewish-American experience as reflected in fiction, drama, poetry, essay, autobiography, film.

347. Literature and Film
Fall, Winter, Spring. 3(3-0) ENG 208 or ENG 211.
Introduction to the relationship between film and literature through study of theme, style, and structure in selected film masterpieces from different periods and cultures.

349. Afro-American Literature I
(449) Fall, Winter, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature.
Creative thought of the black American illustrated by the participation of the black man in American culture from beginnings through the Harlem Renaissance.

350. Afro-American Literature II
(450) Winter, Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature.
Creative thought of the black American illustrated by the participation of the black man in American culture- post-World War II.
351. English Literature I
Fall, 4(4-0)

352. English Literature II
Winter, 4(4-0)
Survey of English literature, Milton to Blake. Major representative writers and literary forms of the specified period.

353. English Literature III
Spring, 4(4-0)
Survey of English literature, Blake to Hardy. Major representative writers and literary forms of the specified period.

360. World Literature in English
(315.) Fall, 3(3-0) Interdepartmental with the Department of Linguistics and Oriental and African Languages. Representative works, not from England or the United States, which were written originally in English, especially the English literature of present or former British Commonwealth nations, and nations from the Middle East and Africa. Significant and characteristic works of the Orient, the Middle East, and Africa in English translation.

361. World Literature in English Translation
(316.) Winter, 3(3-0) Interdepartmental with and administered by the Department of Linguistics and Oriental and African Languages. Work will center each term around a single literary genre, type or theme. Typical examples: The Quest, Literature of Revolt, Satire. Literary examples will be selected from several national literatures.

362. Genres and Themes in World Literature
(317.) Spring, 3(3-0) Interdepartmental with the Department of Linguistics and Oriental and African Languages. Work will center each term around a single literary genre, type or theme. Typical examples: The Quest, Literature of Revolt, Satire. Literary examples will be selected from several national literatures.

363. African Literature in English
(318.) Winter, Spring, 3(3-0) HST 394 or HUM 395 or HUM 390 recommended. Contemporary African literature written in English, including novels by Soyinka, Achebe, Ngugi, Amiel J. Guma, and Ekwenzi; plays and poetry by Clark, Hutchinson, Nkosi, Henshaw, Okara, Awoonor, Okigbo, and others.

364. Canadian Literature and Culture
(319,) Spring, 4(4-0) May reenroll for a maximum of 8 credits. Canadian literature and culture in bicultural, historical and contemporary contexts.

365. Classic Myths and Literature
(323.) Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) Greek myths that have been wrought into later poetry, fiction, drama, painting, sculpture, and music.

366. Literary Interpretation of the Bible
(324.) Fall, Winter, Spring, 3(3-0) Literary study of the Old and New Testaments, with emphasis upon the ideas and events which figure prominently in English and American literature.

367. American English
Fall, 4(4-0) Characteristic American dialects, standard and non-standard, with analysis of usage and explanations of origins and differences.

368. Comparative Linguistics
Spring, 3(4-0) ENG 402, ENG 403; 2 college years of a foreign language or approval of department. Techniques for the scientific comparison of related languages. The comparative method and the results of its application to the Indo-European languages.

369. Methods of Teaching English as a Second Language
Fall, 4(4-0) ENG 302 or ENG 402 or approval of department. Survey and demonstration of theories, methods and techniques for teaching English, both here and abroad, to children and adults who are not native speakers of English.

370. Teaching Competencies in English
Fall, Winter, Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature. A representative selection of Spenser's poetry with special emphasis on "The Faerie Queene".

371. Milton
Fall, Winter, Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Milton's prose and poetry, especially "Paradise Lost".

372. Scandinavian Contributions to Literary Tradition
Winter, 3(3-0) Approval of department. Interdepartmental with the departments of German and Russian, and Romance and Classical Languages. Administered by the Department of German and Russian. Continuation of ENG 417.

373. Shakespeare

374. Conference Course in Advanced Writing
Fall, Winter, Spring, Summer. 4(4-0) ENG 421. Advanced study of several representative plays exclusive of those taught in ENG 421.

375. Conference Course in Advanced Writing
Fall, Winter, Spring, Summer. 4(4-0) ENG 421. Advanced study of several representative plays exclusive of those taught in ENG 421.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>425.</td>
<td>Writing as a Profession</td>
<td>Winter, Spring. 3(3-0) At least one creative writing course or approval of department. Discussion of many questions and problems experienced by students interested in professional writing. A variety of panels and lectures by people who know the field.</td>
</tr>
<tr>
<td>426A.</td>
<td>Comparative Drama</td>
<td>Fall, Winter. 3(3-0) Majors: ENG 208; others: 6 credits of literature. Studies in the development of drama: classical and medieval.</td>
</tr>
<tr>
<td>426B.</td>
<td>Comparative Drama</td>
<td>Winter. 3(3-0) Majors: ENG 208; others: 6 credits of literature. Studies in the development of drama: neoclassical and romantic.</td>
</tr>
<tr>
<td>426C.</td>
<td>Comparative Drama</td>
<td>Spring. 3(3-0) Majors: ENG 208; others: 6 credits of literature. Studies in the development of drama: neoclassical and romantic.</td>
</tr>
<tr>
<td>426D.</td>
<td>Comparative Drama</td>
<td>Fall, Spring. 3(3-0) Majors: ENG 208; others: 6 credits of literature. The development of drama: from the eighteenth century to World War II.</td>
</tr>
<tr>
<td>426E.</td>
<td>Comparative Drama</td>
<td>Spring, Summer. 3(3-0) Majors: ENG 208; others: 6 credits of literature. The development of drama: World War II to the present.</td>
</tr>
<tr>
<td>427.</td>
<td>Comparative Fiction</td>
<td>Fall, Winter, Spring. 3(4-0) May reenroll for a maximum of 9 credits. Majors: ENG 208; others: 6 credits of literature. Types of narrative and fiction in various literatures and periods. Specific course content varies each term.</td>
</tr>
<tr>
<td>441.</td>
<td>American Literature: Colonial and Revolutionary Period</td>
<td>Fall. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Works of Taylor, Edwards, Franklin, Freneau and others.</td>
</tr>
<tr>
<td>442.</td>
<td>American Literature: Early Romanticism</td>
<td>Fall. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Works of Cooper, Irving, Poe, Emerson, Thoreau and others.</td>
</tr>
<tr>
<td>446.</td>
<td>American Literature: Realism and Naturalism</td>
<td>Fall, Winter, Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Rise and development of realism and naturalism as exemplified in the works of such authors as Twain, James, Dreiser, Robinson, and others.</td>
</tr>
<tr>
<td>447.</td>
<td>Twentieth Century American Fiction</td>
<td>Fall, Winter, Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Works of Fitzgerald, Hemingway, Faulkner and others.</td>
</tr>
<tr>
<td>448.</td>
<td>Twentieth Century American Poetry</td>
<td>Fall, Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Works of Eliot, Pound, Frost and others.</td>
</tr>
<tr>
<td>452.</td>
<td>Contemporary Literature</td>
<td>Fall, Winter, Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Contemporary British or American fiction, drama or poetry.</td>
</tr>
<tr>
<td>455.</td>
<td>Tudor Literature</td>
<td>Fall. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Poetry, prose and non-Shakespearian drama of the sixteenth century.</td>
</tr>
<tr>
<td>460.</td>
<td>The Age of Dryden and Pope</td>
<td>Fall. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Literature of the Restoration and early eighteenth century, 1660-1744: Dryden, Pope, Swift, and others.</td>
</tr>
<tr>
<td>462.</td>
<td>The Age of Johnson</td>
<td>Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Literature of later eighteenth century to 1785; Johnson and his circle, the novelists and others.</td>
</tr>
<tr>
<td>465.</td>
<td>The English Romantic Period</td>
<td>Fall, Spring, Summer. 4(4-0) Majors: ENG 208; others: 6 credits of literature. The beginnings of romanticism: Blake, Wordsworth and Coleridge.</td>
</tr>
<tr>
<td>466.</td>
<td>The English Romantic Period</td>
<td>Fall, Winter, Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Continuation of ENG 46; Keats, Shelley, Byron.</td>
</tr>
<tr>
<td>467.</td>
<td>Language and Culture</td>
<td>Fall. Spring. 4(4-0) Approval of department. Interdepartmental with and administered by the Department of Anthropology. A survey exploring the interconnectedness of language and culture. Special areas to be emphasized include: Child Language Learning, Linguistic and Cultural Contact Phenomena, &quot;Specialized&quot; Languages, such as Cant, Argon, Trade Jargon, Lingua Franca, &quot;Hybridization&quot; and &quot;Substratum Language and Cultural Change: a brief examination of Theories of Origins and of the Sapir-Whorf Hypothesis.</td>
</tr>
<tr>
<td>468.</td>
<td>Nature of Myth</td>
<td>Winter. 3(3-0) Myth in some of its theoretical aspects, with special reference to the mythical character of literature.</td>
</tr>
<tr>
<td>470.</td>
<td>Victorian Essays</td>
<td>Fall, Summer of even-numbered years. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Selected readings from Carlyle, Newman, Arnold, Mill, Huxley and other essayists.</td>
</tr>
<tr>
<td>471.</td>
<td>Victorian Poets</td>
<td>Spring. 4(4-0) Majors: ENG 208; others: 6 credits of literature. Selected readings from Arnold, Browning, Tennyson and other poets.</td>
</tr>
<tr>
<td>474.</td>
<td>Oral Folklore</td>
<td>Spring. 4(4-0) The nature of folklore, its social functions, and its use in literature and drama.</td>
</tr>
<tr>
<td>480.</td>
<td>Literary Criticism: Theory and Practice</td>
<td>Fall, Winter. 3(3-0) Majors: ENG 208; others: 6 credits of literature. Development and influence of the ideas, forms, and motifs of the ancient world and Christianity in literature of the world.</td>
</tr>
<tr>
<td>481.</td>
<td>Modern Critical Theory</td>
<td>Winter. 4(4-0) Senior majors. An examination of the principal modern theories of literary criticism.</td>
</tr>
<tr>
<td>482.</td>
<td>Practical Criticism</td>
<td>Spring. 4(4-0) Majors: ENG 480 or ENG 481. Literary criticism in response to a given work.</td>
</tr>
<tr>
<td>484.</td>
<td>Literature and Psychology</td>
<td>Spring. 4(4-0) Juniors or approval of department. Interdepartmental. A specialized study of the development of literary theory and an exploration of the ways in which literature enriches the theory which helps to illuminate it.</td>
</tr>
</tbody>
</table>
Descriptions - ENGLISH
of Courses

485. The English Novel Through the Eighteenth Century
Fall, Summer. 4(4-0). Majors: ENG 208, others: 6 credits of literature.
Study of such writers as Richardson, Fielding, Smollett, Sterne, Austen, and others.

486. The English Novel in the Nineteenth Century
Winter, Summer. 4(4-0). Majors: ENG 208, others: 6 credits of literature.
Study of such writers as Scott, Dickens, Thackeray, Eliot, Hardy and others.

487. The Modern English Novel
Spring, Summer. 4(4-0). Majors: ENG 208, others: 6 credits of literature.
Study of such writers as Conrad, Ford, Joyce, Lawrence and others.

491H. Studies in Period
Fall. 4(4-0). May reenroll for a maximum of 8 credits. To receive credit, both ENG 491H and ENG 492H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors advisor.
A two-year study of specific writers in relation to their age is provided by ENG 491H and ENG 492H.

492H. Studies in Period
Winter. 4(4-0). May reenroll for a maximum of 8 credits. To receive credit, both ENG 491H and ENG 492H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors advisor.
Continuation of ENG 491H.

493H. Studies in Genre
Winter. 4(4-0). May reenroll for a maximum of 8 credits. To receive credit, both ENG 491H and ENG 494H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors advisor.
A two-year study of the conventions and techniques of a specific literary genre.

494H. Studies in Genre
Spring. 4(4-0). May reenroll for a maximum of 8 credits. To receive credit, both ENG 493H and ENG 494H must be completed satisfactorily. Six credits in English honors courses and approval of the departmental honors advisor.
Continuation of ENG 493H.

496H. Special Topics
Fall, Winter, Spring. 4(4-0). May reenroll for a maximum of 12 credits. Approval of the departmental honors advisor.
Intensive study of some particular author, theme, problem or other critical topic.

497H. Senior Honors Essay
Fall. Winter, Spring. 4 to 10 credits. May reenroll for a maximum of 10 credits. Seniors and approval of departmental honors advisor.
A substantial piece of writing under the direction of selected faculty.

498. Topics in Comparative Literature
Fall, Winter, Spring. 3(3-0) or 4(4-0). May reenroll for a maximum of 12 credits if different topics are offered.
Comparative study of selected playwrights, movements, trends and developments in world drama from the beginnings to the present day.

499. Senior Proseminar
Fall, Winter, Spring, Summer. 4(4-0)
Senior English majors.
Intensive work in an area, problem or author. Students will work closely with the instructor in the preparation and evaluation of substantial research or critical papers.
The content of courses on both the 800-level and the 900-level may change from term to term, making possible a wide variety of course offerings. Students may enroll in a course for more than one term or in more than one section of a course during the same term, provided that duplication of content does not result. Brochures giving detailed information concerning all graduate courses to be offered during a given year are available in the English office throughout that academic year.
Courses numbered 900 or above (with the exception of 930, 970, and 999) are doctoral seminars. Students desiring to enroll in these courses must obtain departmental approval at least before registration, but if possible before the pre-enrollment period.

500. History of the English Language
Spring, Summer. 3 credits.

501. Old English
Fall. Summer. 3 credits.
Phonology and morphology of English before 1100.

502. Beowulf
Winter. 3 credits.

503. Old English Poetry
Spring. 3(3-0) ENG 802.
Studies in Old English poetic literature: selections from the poetry of the Exeter Book or other works exclusive of "Beowulf".

504. Middle English
Winter. 3(3-0)
Linguistic study of English writings, 1100-1400.

505. Studies in Comparative Theatre and Drama
Fall, Winter, Spring, Summer. 3(3-0)
May reenroll for a maximum of 12 credits. Approval of departmental honors advisor. Some attention to professional contemporary poetry.
Comparative study of selected playwrights, movements, trends and developments in world drama from the beginnings to the present day.

506. Advanced Methods of Teaching English as a Second Language
Fall. 3(3-0)
ENGL 407.
Advanced study of linguistic theory and applications to classroom practice of methods of teaching English as a second language, specifically with regard to oral drill, reading, writing, testing, language and cultural heritage.

507. Medieval Literature
Fall, Winter, Summer. 3(3-0)
Chaucer and the literature of the fourteenth century.

508. Renaissance Literature
Fall, Winter, Spring. 3(3-0)
English nondramatic literature, 1500-1600.

509. Restoration and Eighteenth Century Literature
Fall, Winter. 3(3-0)

510. Nineteenth Century Literature
Fall, Winter, Spring, Summer. 3(3-0)

511. Twentieth Century Literature
Fall, Winter, Spring. 3(3-0)

512. Comparative Literature: Studies in Theme and Idea
Fall. 3(3-0)
May reenroll for a maximum of 9 credits. Interdepartmental with the departments of Romance and Classical Languages and German and Russian. Administered by the Department of Romance and Classical Languages.
Myths, archetypes, "Top", significant ideas and intellectual currents in different periods and cultural traditions.

513. Colonial and Revolutionary American Literature
Winter. 3(3-0)
American literature, from the beginning to 1820.

514. Twentieth Century American Literature
Fall, Spring. 3(3-0)
English and American literature, 1900 to the present, with attention to foreign backgrounds.

515. Writing Workshop: Poetry
Fall, Winter, Spring. 3(3-0)
May reenroll for a maximum of 6 credits. Approval of instructor.
Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary poetry.

516. Writing Workshop: Fiction
Fall, Winter, Spring. 3(3-0)
May reenroll for a maximum of 6 credits. Approval of instructor.
Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary fiction.

517. Writing Workshop: Drama
Fall. 3(3-0)
May reenroll for a maximum of 6 credits. Approval of instructor.
Concentration on individual student's writing, through workshop discussion and conferences with instructor. Some attention to professional contemporary drama.

518. Writing Workshop for Teachers
Fall, Spring, Summer. 3(3-0) or 5(5-0)
Major in English—Secondary School Teaching or approval of department.
Exploration of the writing process through composition activities and examination of techniques for teaching writing.
841. **Topics in the Teaching of English**
Fall, Winter, Spring 3 to 5 credits.
Selected topics and issues in the teaching of English and the language arts. Investigation of problems of special concern to the students, especially those directly related to teaching.

845. **Approaches to Language**
Fall, Winter, Spring 3(3-0) or 5(5-0)
Modern linguistic approaches to language and their application to writing.

846. **Approaches to Language**
Fall, Winter, Spring 3(3-0) or 5(5-0)
Approaches to Language: Major in English—Secondary School Teaching or approval of department. Continuation of ENG 845.

847. **Reading and the English Teacher**
Spring, Summer 3(3-0) or 5(5-0)
Investigation of applied linguistics and psycholinguistics to the reading process with particular emphasis on the application to problems in the teaching of reading and literature.

849. **English Teaching Workshop**
Fall, Winter, Spring 2 to 5 credits.
Workshop in the development of teaching materials and resources in English. Investigation of sources and bibliographies. Emphasis on seeking practical solutions to particular problems in the teaching of English.

855. **Shakespeare**
Fall, Spring 3(3-0)
Intensive study of selected plays.

856. **Comparative Literature: Literature and Other Disciplines**
Winter 3(3-0) May repeat for a maximum of 9 credits. Interdepartmental with the departments of Romance and Classical Languages, German and Russian. Administered by the Department of Romance and Classical Languages. Relations between literature and the sciences and other arts: social, historical, psychological, philosophical bases of literary study.

862. **Approaches to Literature**
Winter, Summer 5(4-0) Major in English—Secondary School Teaching or approval of department. Literary and reading resources; discussion of critical approaches to and techniques for teaching literature.

871. **Methods of Literary Research**
Fall, Spring, Summer 3(3-0)
Bibliography and use of library: preparation of reports, reviews, and scholarly papers.

874. **Comparative Literature: Methods in the Study of Comparative Literature**
Fall, 3(3-0) Interdepartmental with the departments of German and Russian and Romance and Classical Languages. Rationale and techniques of study in comparative literature.

876. **Practicum in English Language and Literature**
Fall, Winter, Spring, Summer 2 to 6 credits, Approval of department. Supervised graduate teaching, observations, internships in the teaching of English language and literature.

880. **Proseminar for Master's Degree Candidates**
Fall, Winter, Spring, Summer 3(3-0) Individual scholarly work under guidance.

885. **Studies in the History of Literary Criticism**
Fall, Winter, Spring, Summer 3(3-0)
The history of literary criticism.

886. **Studies in Modern Criticism**
Fall, Winter, Spring, Summer 3(3-0)
Critical approaches to and techniques for teaching literature.

895A. **College Teaching of English Language and Literature: History and Current Issues**
Fall, Winter, Spring, Summer 3(3-0) Approval of department. Integration of the teaching of writing and reading in English with stress on relevant research in reading in such areas as: linguistics, applied linguistics, psycholinguistics, language acquisition.

895B. **College Teaching of English Language and Literature: Reading**
Winter 3(3-0) Approval of department. Integration of the teaching of writing and reading in English with stress on relevant research in reading in such areas as: linguistics, applied linguistics, psycholinguistics, and language acquisition.

895C. **College Teaching of English Language and Literature: Writing**
Spring, 3(3-0) Approval of department. Integration of the teaching of writing and reading in English with stress on relevant research in reading in such areas as: linguistics, applied linguistics, psycholinguistics, and language acquisition.

900. **Comparative Literature: Studies in Form and Genre**
Winter, Spring 3(3-0) Interdepartmental with the departments of German and Russian, and Romance and Classical Languages. Development and interrelationships of individual and collective forms and genres of literatures of the Western world, including the drama, tragedy, the novel, the short story, the theory and forms of poetry, popular literature, and the tale.

903. **Comparative Literature: Studies in Periodization**
Fall, Winter, Spring, Summer 3(3-0) Interdepartmental with the departments of German and Russian, and Romance and Classical Languages. Analyses of the manner in which various genres, conventions and continuing traditions of literature interact with the creative and critical climates of particular periods and movements, such as classicism, the Middle Ages, the baroque, or romanticism, in qualifying or modifying characteristic literary works.

904. **Studies in Influence**
Fall, Winter, Spring 3(3-0) Mutual influences of the English, Romance and Germanic literatures in general and in terms of specific authors and literary kinds, together with studies of the interrelationships of transmission, translations and sources.

906. **Studies in English Drama**
Fall of even-numbered years, Winter and Spring of odd-numbered years 3(3-0) Literary beginnings to 1642.

907. **Studies in Shakespeare**
Winter of odd-numbered years 3(3-0) To receive credit, both ENG 940 and ENG 941 must be completed satisfactorily.

910. **Studies in Shakespeare**
Spring of odd-numbered years 3(3-0) To receive credit, both ENG 940 and ENG 941 must be completed satisfactorily.

914. **Studies in Shakespeare**
Spring, Fall, Winter, Spring, Summer 1 to 5 credits, Approval of department. Supervised reading course in English and American literature for Ph.D. candidates.

915. **The Reading Process and the Concept of Literacy**
Spring, Fall, Winter, Spring 3(3-0) Approval of department. The contributions of language and literary studies to our understanding of the reading process and our definitions of literacy.

920. **Studies in English Language**
Fall, Winter, Spring 3(3-0) The English language from the viewpoint of historical problems, literary analysis and pedagogical implications.

921. **Seminar: Earlier English Literature**
Fall, Winter, Spring 3(3-0) Special problems in English literature, beginnings to 1660.

922. **Seminar: Later English Literature**
Fall, Winter, Spring 3(3-0) Special problems in English literature, 1660-1900.

923. **Seminar: American Literature**
Fall, Winter, Spring 3(3-0) Special problems in American literature, beginnings to 1900.

924. **Seminar: Twentieth Century Literature**
Fall, Winter, Spring 3(3-0) Special problems in English and American literature, 1900 to the present.

925. **Seminar: Special Studies in Literary Form and Theory**
Fall, Winter, Spring 3(3-0) Forms, genres, and movements.

926. **Seminar: American Literature and Culture**
Fall, Winter, Spring 3(3-0) American literature in a cultural context, drawing upon popular and fine arts, the history of ideas, the history of social movements.
987. Seminar: Special Topics in Comparative Literature
Spring. 3(3-0) Advanced graduate. Interdepartmental with the departments of Romance and Classical Languages, and German and Russian. Administered by the Department of Romance and Classical Languages.

998. Advanced Writing for Doctoral Candidates
Fall. Winter. Spring. Summer. 3(3-0) Admission to a doctoral program or approval of instructor. Training for writing dissertations and publishing in the sciences, humanities, and other fields. Includes a detailed analysis of each student's style, methods of organizing, practice in editing, and individual conferences.

999. Doctoral Dissertation Research

ENTOMOLOGY

College of Agriculture and Natural Resources
College of Natural Science

250. Pesticides, Their Alternatives and Environmental Quality (N)
Winter. 3(4-0)
Impact of agricultural pesticides on man and his environment. Emphasizes the effect of chemicals on food production and combating disease and ecological imbalance. Presents pesticide alternatives for the future.

301. General Entomology
Fall. Spring. 3(2-2) B S 211 and B S 32 recommended.

302. General Entomology Laboratory
Fall. Spring. 2(0-6) ENT 301 or concurrently.
Insect diversity with emphasis on morphology, development, classification, identification, biometrics, and evolution. Stresses reproductive strategies and general adaptability as related to the overall ecological success of insects.

303. Entomological Techniques
Spring. 2(0-6) ENT 301 or approval of department; ENT 302 recommended but not required.
Field entomology, including collecting and rearing techniques and methods of specimen preparation and preservation. Practical experience in insect identification and biometrics. Collection required.

337. Forest and Shade Tree Entomology
Fall. 4(3-2) Three terms of natural science. Ecological relationships of insect/tree interactions. Taxonomy of insects and recognition of insect injury. Biological, chemical, silvicultural and integrated control methods. Insect collection required (see instructor during prior spring term).

401. Problems
Fall. Winter. Spring. Sum. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of department.
Advanced individual work on a field or laboratory research problem or a study of published literature on a selected topic.

404. Field Entomology
Summer. 6 credits. One year of zoological science or teaching major in general science or approval of department. Given at W. K. Kellogg Biological Station. Basic field survey in entomology. Emphasis on the biology, collection and identification of insects common to the Gull Lake Biological Station area.

410. Apiculture and Pollination
Spring. 3(2-2)
Biological of the honey bee and some of the wild bees. Relationships between bees and flowering plants. Value of bees in crop pollination. Introduction to management with visits to the University apiary.

411. Seminar
Fall. Winter. Spring. 1(1-0) Majors or approval of department.
Reports by students, faculty, and representatives of the profession, with emphasis on current problems not covered in regular college subjects.

415. Insect Behavior
Winter of even-numbered years. 3(3-0) ENT 301. ENT 202; ZOL 143 recommended. Mechanisms and adaptive significance of communication, orientation, food and habitat selection and behavioral phytochymy in insects.

418. Systematic Entomology
Winter. 4(1-9) ENT 301. ENT 302.
General taxonomic course to acquaint the student with the various groups of insects.

420. Aquatic Insects
Spring. 4(3-3) ENT 301. ENT 302.
Biology, ecology and systematics of aquatic insects. Insect collection required.

421. Stream Ecology
Fall. Summer—given at W. K. Kellogg Biological Station. 3(3-0) ENT 420 or approval of department. Interdepartmental with the Department of Fisheries and Wildlife. An in-depth examination of stream ecosystems—physical, chemical and biological aspects. Field work will be centered on local streams. Laboratory exercises will involve manipulations necessary for the determination of population energy budgets, with special emphasis on aquatic insects. Field trips required.

425. Agricultural Entomology
Fall. 4(3-2) One year of biological or agricultural sciences. Natural processes of insect populations and associated techniques that are important to agriculture.

438. Taxonomy of Immature Insects
Spring of even-numbered years. 4(1-9) ENT 418. Identification of immature insects with particular emphasis on the Holometabola.

440. External Morphology of Insects
Fall. 4(2-6) ENT 301, ENT 302, or approval of department.
Morphological concepts of external skeletal parts of insects. Emphasis on evolutionary development of structures from the Apterygota through the Pterygota.

441. Internal Morphology
Winter. 4(2-6) ENT 440 or approval of department.
Morphology of the internal structure of insects. Emphasis on the evolutionary development of organs and organ systems of various representative insects.

444. Insect Ecology
Fall of odd-numbered years. 3(3-0) One course in introductory entomology.
Unique characteristics and principles of insect ecology. Trophic relationships, populations, climate, coexistence, competition, behavior, communities and distributions.

450. Insect Physiology
Fall. 5(3-4) ENT 301, ENT 302; 1 semester of organic chemistry including 1 term of organic. General and comparative physiology of insects. Introduction to management with visits to the University apiary.

455. Toxicology of Insecticides
Winter of odd-numbered years. 4(4-0) 1 term organic chemistry.
Properties of insecticides. Mode of action, metabolism and movement in animals. Safety and potential hazards to man and wildlife. Fate of insecticides in the environment.

460. Medical Entomology
Spring. 4(3-3) ENT 301, ENT 302, or approval of department.
Distribution and biology of important arthropod vectors of diseases to man, disease symptoms, life cycle of the infectious agent, reservoirs, vectors, arthropods, anaplastic reactions, myiasis, and prophylactic measures.

470. Nematode Diseases of Economic Plants
Winter. 4(3-3) B S 212 or BOT 205.
Interdepartmental with the Department of Botany and Plant Pathology. Major nematode diseases of economically important plants, with emphasis on diagnostic symptoms, nematode biology and principles of control.

480. Insects in Relation to Plant Diseases
Fall of even-numbered years. 3(2-2) ENT 302. Interdepartmental with the Department of Botany and Plant Pathology. Relationships of insects, mites and nematodes to important plant diseases incited by bacteria, fungi, viruses and toxins. Mode of transmission and means of control. Transmission techniques and important plant-pathogen-insect relationships.

490. Topics in Entomology
Fall. Winter. Spring. Summer. Variable credit. Majors or approval of department.
Advanced work in medical entomology, acarology, advanced forest entomology, soil arthropods, behavior and biological control.