

acquire a client and design a solution to meet the needs enumerated by this client. This design project is a continuation of design work done in EGR 101. Each aspect of the design process will be discussed. Several exercises will attempt to develop the student's creativity, clarity and focus of thought. The semester will end with a full presentation of each team's design work which will incorporate their newly acquired graphics ability. Offered spring.

- EGR 206. ENGINEERING MECHANICS - STATICS** 3 sh  
This course is designed to introduce students to the effects of forces on bodies in static equilibrium and to familiarize them with mathematical techniques for finding reactive forces in bodies, frames, mechanics and trusses. Concepts covered include forces, moments, couples, equilibrium of rigid bodies, centroids, moments of inertia and friction resistance. Prerequisite: PHY 113. Corequisite: MTH 221. Offered fall.
- EGR 208. ENGINEERING MECHANICS - DYNAMICS** 3 sh  
Kinematics and kinetics of particles in rectangular, cylindrical and curvilinear coordinate systems; energy and momentum methods for particles; kinetics of systems of particles; kinematics and kinetics of rigid bodies in two and three dimensions; and motion relative to rotating coordinate systems are studied. Prerequisites: EGR 206 and MTH 221. Corequisite: MTH 321. Offered spring.
- EGR 211. CIRCUIT ANALYSIS** 3 sh  
This course is an introduction to the theory, analysis and design of electric circuits. Studies include circuit parameters and elements: voltage, current, power, energy, resistance, capacitance, inductance. Also included is the application of Kirchhoff's laws, techniques of circuit analysis, the op-amp, the responses of RL, RC and RLC circuits, an introduction to sinusoidal steady-state analysis, Laplace transforms and Fourier series. Prerequisites: MTH 421 and PHY 114. Corequisite: EGR/PHY 212. Offered spring.
- EGR 212. CIRCUIT ANALYSIS LAB** 1 sh  
This course involves laboratory application of concepts and principles discussed in EGR 211. Corequisite: EGR/PHY 211. Offered spring.
- EGR 310. ENGINEERING THERMODYNAMICS** 4 sh  
This course introduces the concept of energy and the laws governing the transfers and transformations of energy. Study emphasizes thermodynamic properties and First and Second Law analysis of systems and control volumes. Integration of these concepts into the analysis of basic power cycles is introduced. Prerequisites: MTH 421 and PHY 114. Offered fall.
- EGR 381. INTERNSHIP IN ENGINEERING** 1-4 sh  
The internship provides advanced work experiences in some aspect of engineering. It is offered on an individual basis, under the guidance of the engineering program director, when suitable opportunities can be arranged. It will typically be taken in the summer of the sophomore year. This experience will broaden the practical work experience of the student and enhance his/her classroom abilities. Prerequisite: permission of the department. Offered summer.

## English

*Chair, Department of English: Professor Lyday-Lee*

*Professors: Angyal, Blake, Bland, Boyle, Braye, Gill, Haskell, Warman*

*Associate Professors: Cassebaum, Gordon, Mackay, Myers, Peebles, Schwind*

*Assistant Professors: Hairston, Kapper, Kircher, Layne, Perry, Pyne, Ramirez, Rosinski*

*Lecturers: Holmes, Strickland*

The field of English involves the theoretical study of literature, language and writing, as well as the practice of literary criticism and analysis, creative writing and other

kinds of writing. The English department provides a balanced curriculum that includes all these elements. A group of five core courses in literature, language study and writing beyond the freshman level ensures that English majors have experience in the three principal areas of the discipline. In addition to the common core, the English curriculum also encourages majors to follow their own talents and interests by requiring one of four distinct concentrations: literature, professional writing and rhetoric, creative writing or English teacher licensure. Double concentrations in the major or minors in literature and creative writing, along with interdisciplinary minors in professional writing and multimedia authoring, are additional options.

#### A NOTE ON THE GENERAL STUDIES LITERATURE COURSE REQUIREMENT

With the exception of film studies courses, ENG 200 and department courses in the 220-279 and 320-379 range normally fulfill the General Studies literature requirement in Studies in Arts and Sciences.

English department courses in the 201-219 and 301-319 range (i.e., courses in language study, writing and creative writing) do NOT normally fulfill that requirement.

**A major in English** requires 44 semester hours. The core requirements, above ENG 110, are:

An ENG 200-level literature course	4 sh
Majors in Literature concentration must choose a survey course from ENG 221-224	
Majors in English Teacher Licensure concentration must choose either ENG 221 or 222	
An ENG 200-level or above writing course (ENG 210-219; 310-319)	4 sh
Majors in Creative Writing concentration must take ENG 213, Introduction to Creative Writing	
Majors in English Teacher Licensure concentration must take ENG 219, Writing Studies Survey	
An ENG 200-level or above language course (ENG 201-209; 301-309)	4 sh
Majors in Professional Writing and Rhetoric concentration must take ENG 304, Understanding Rhetoric	
Majors in English Teacher Licensure concentration must take ENG 205, Grammar	
One 300-level literature course	4 sh
ENG 321, Classical Literature is strongly recommended for majors in English Teacher Licensure concentration.	
One 300-level English course, preferably outside one's concentration	4 sh
ENG 302, History of the English Language is strongly recommended for majors in English Teacher Licensure	
<b>TOTAL</b>	<b>20 sh</b>

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**Students must also complete one of the following concentrations:**

#### **Literature Concentration**

Core courses	20 sh
One additional survey course from ENG 221-224	4 sh
Four additional 200-300-level literature courses chosen from at least 3 of the following categories:	16 sh

Historical Studies (ENG 320-329)		
Cultural Studies (ENG 330-339)		
Author Studies (ENG 340-349)		
Genre Studies (ENG 350-359)		
Critical Practice and Theory (ENG 200, 250, 333, 362)		
ENG 495	Senior Seminar: Literature	4 sh
Other requirements:		
At least one literature course must have a global/multicultural designation		
At least two literature courses must have a pre-1800 designation		
At least 20 hours of literature must be at the 300-level or above		
A course may satisfy multiple requirements if possible		
<b>TOTAL</b>		<b>44 sh</b>

**Professional Writing and Rhetoric Concentration**

Core courses		20 sh
ENG 215	Introduction to Professional Writing and Rhetoric	4 sh
ENG 397	Writing as Inquiry	4 sh
Concentration Electives:		12 sh
A 200-level English course		
A 300-level English course		
ENG 411 Special Topics in Professional Writing and Rhetoric or a 4-hour internship		
ENG 497	Senior Seminar: Professional Writing and Rhetoric	4 sh
<b>TOTAL</b>		<b>44 sh</b>

**Teacher Licensure Concentration**

Core courses		20 sh
ENG 206	Introduction to TESOL	4 sh
ENG 223, 224, 238 or 239 (American Literature)		4 sh
ENG 331, 335, 337 or 338 (World Literatures)		4 sh
ENG 319	Writing Center Workshop	4 sh
ENG 342	Shakespeare	4 sh
ENG 495	Senior Seminar: Literature	4 sh
Set of Professional Courses		35 sh
<b>TOTAL</b>		<b>79 sh</b>

**Creative Writing Concentration**

Core courses		20 sh
Choose two of the following:		8 sh
ENG 315	Intermediate Nonfiction	
ENG 316	Intermediate Poetry	
ENG 317	Intermediate Fiction	
Choose two of the following:		8 sh
ENG 366	Contemporary Writers	
ENG 351	The Novel	

ENG 353	Poetry	
ENG 354	Short Stories	
ENG 356	Nonfiction	
300-level or above literature course		
Choose one of the following:		4 sh
ENG 413	Advanced Creative Writing	
200-400-level English elective		
ENG 496	Senior Seminar: Creative Writing	4 sh
<b>TOTAL</b>		<b>44 sh</b>

### ***Double Concentrations***

Students are encouraged to pursue a double concentration, either to combine liberal arts and pre-professional training (creative writing/professional writing or literature/professional writing) or to study the interconnectedness of writing and reading (literature/creative writing). Completing a dual concentration in English requires a capstone experience in each concentration. For more information, see your English major advisor or the English Department chair.

**A minor in English** requires the following courses above ENG 110. Students may choose either a literature minor or one of the writing minors.

### ***Literature Minor***

One Critical Theory and Practice course		4 sh
ENG 200	Critical Conversations in Literary Studies	
ENG 250	Interpretations of Literature	
ENG 333	Women in Literature: Feminist Approaches	
ENG 362	Film Criticism	
One ENG elective		4 sh
Three additional ENG literature courses, at least one of which must be designated pre-1800		12 sh
(At least 8 sh of literature courses must be at the 300-level or above.)		
<b>TOTAL</b>		<b>20 sh</b>

### ***Creative Writing Minors***

ENG 213	Creative Writing	4 sh
Two or three of the following:		8-12 sh
ENG 315	Intermediate Creative Writing: Nonfiction	
ENG 316	Intermediate Creative Writing: Poetry	
ENG 317	Intermediate Creative Writing: Fiction	
One or two of the following:		4-8 sh
ENG 366	Contemporary Writers	
Genre courses (ENG 351, 352, 353, 354, 355, 356)		
ENG 413	Advanced Creative Writing Workshop	
<b>TOTAL</b>		<b>20 sh</b>

**Professional Writing Minor:** See Professional Writing Studies

**Multimedia Authoring Minor:** See Multimedia Authoring

- ENG 100. INTRODUCTION TO COLLEGE WRITING** 4 sh  
 This is a writing workshop focusing on invention, organization, revision and editing skills. A grade of "C-" or better required for admission to ENG 110. Elective credit only. Offered fall.
- ENG 106. ANALYTICAL READING** 4 sh  
 Analytical reading is a course designed to help students understand, analyze and retain college-level reading material. Elective credit only. Offered spring.
- ENG 110. COLLEGE WRITING** 4 sh  
 In this first-year course emphasizing invention, peer response, revising and editing, students learn to develop and make assertions, support them with appropriate evidence and present them in public form. Students also learn that the style and content of their writing will affect their success in influencing audiences. A grade of "C-" or better required for graduation. Offered fall and spring.
- ENG 115. ONE ON ONE WRITING** 4 sh  
 Students work with the professor to create an individual plan for improving writing skills. The class is open to students at all levels but does not satisfy General Studies requirements or replace ENG 110. By permission of instructor.
- ENG 200. CRITICAL CONVERSATIONS IN LITERARY STUDIES** 4 sh  
 This course develops the research and writing skills that are essential for producing informed, independent and original literary criticism. Students will learn not only how to evaluate and synthesize the arguments of published critics and theorists, but also how to enter and extend critical arguments or conversations about selected works of literature by advancing interpretations and theories of their own. This course can satisfy either a writing OR a literature requirement within the English major. Prerequisite: ENG 110
- ENG 205. GRAMMAR** 4 sh  
 This study of the English language includes the evolution of prescriptive and descriptive grammars, terminology, parts of speech and function, grammatical structures and correct usage of standard written English. Prerequisite: ENG 110.
- ENG 206. INTRODUCTION TO TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES** 4 sh  
 This course will provide an introduction to second language acquisition and the theory and practice of teaching English to speakers of other languages (TESOL). Readings, class discussions and projects will focus on pedagogy and assessment in reading, writing, listening and speaking for ESL students. Prerequisite: ENG 110
- ENG 211. STYLE AND EDITING** 4 sh  
 This course explores theories and processes of editing in professional writing and discusses the profession of editing: what it is that professional editors do, what it takes to become an effective editor, what the editorial process looks like (from acquisitions editing to indexing) and the effects of technology. Students will explore sectors in which editors might find themselves working and will learn about and practice substantive editing, stylistic editing, copy editing and proofreading. Prerequisite: ENG 110
- ENG 212. WRITING, RHETORIC AND INTERFACE DESIGN** 4 sh  
 This course provides students with the theoretical and practical background necessary to approach the design of interfaces from a user's perspective and as a reflective practice. The students will also develop a rhetorical foundation for analyzing and producing primarily screen-based interfaces. The course emphasizes a process-orientated approach to design wherein design includes rigorous and disciplined attention to planning, research, revision and production. Moreover, students learn to focus on design from a rhetorical perspective, one that balances writers' goals, users'/readers' needs and text design possibilities. Prerequisite: ENG 110.

- ENG 213. CREATIVE WRITING** 4 sh  
For this workshop, students interested in writing poems and short stories may be assigned additional texts for discussion of technique or form. Prerequisite: ENG 110. Offered fall and spring.
- ENG 214. CREATIVE WRITING: POETRY READING/WRITING** 4 sh  
Along with readings of 20th century British, Irish and American poetry, students from all levels spend equal amounts of time discussing their own and others' poems. Study also includes reading quizzes, writing journals and poetry assignments. Prerequisite: ENG 110.
- ENG 215. INTRODUCTION TO PROFESSIONAL WRITING AND RHETORIC** 4 sh  
This course is designed to introduce students to the study and practice of professional writing from the perspective of rhetoric, one of the oldest liberal arts. Students will learn about the wide range of possibilities connected to the broad term "professional writing;" understand what assuming a rhetorical perspective on writing means, gain a broad sense of the issues, topics and practices that mark the field of professional writing and rhetoric, become part of the ongoing conversations that make up the field, understand professional writing and rhetoric as a socially situated art and practice, gain some practical, hands-on experience through a variety of professional writing projects and integrate scholastic research into reflective professional practice. Prerequisite: ENG 110. Offered fall.
- ENG 219. WRITING STUDIES SURVEY** 4 sh  
This course examines theories of composition and literacy and explores the implications for our understanding of writing's impact on our personal, public and professional lives. Students will study topics such as writing pedagogy (writing as a process, peer response, editing, revision, response and assessment); the relationship between writing and literacy; writing and testing; writing and electronic texts; various technologies' effect on the production and style of writing; and the political, social and cultural politics of writing. Prerequisite: ENG 110
- ENG 221. BRITISH LITERATURE I** 4 sh  
This study of British literature in its social and cultural contexts emphasizes the close reading of texts from the Anglo-Saxon, Medieval and Renaissance periods through the Enlightenment. Satisfies departmental pre-1800 requirement. Prerequisite: ENG 110. Offered fall and spring.
- ENG 222. BRITISH LITERATURE II** 4 sh  
This study of British literature in its social and cultural contexts — from the Romantic, Victorian and Modernist periods through the present — emphasizes the close reading of texts representing the diversity of modern British literary expression. Prerequisite: ENG 110. Offered fall and spring.
- ENG 223. AMERICAN LITERATURE I** 4 sh  
This study of American literature in its social and cultural contexts — from Colonial and Revolutionary periods through the Romantic period — emphasizes the close reading of texts to examine American literary culture from its origins to the post-Civil War era. Prerequisite: ENG 110. Offered fall and spring.
- ENG 224. AMERICAN LITERATURE II** 4 sh  
This study of American literature in its social and cultural contexts — from the post-Civil War era, Progressive and Modernist periods up to the present — involves close reading of selected texts to stress the expansion of the American literary canon. Prerequisite: ENG 110. Offered fall and spring.
- ENG 231. INTRODUCTION TO WORLD LITERATURE** 4 sh  
This course provides an introduction to the study of selected works from European, Asian, African and Latin American literatures (in English translation) with emphasis on

literary traditions and genres. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110. Offered spring of alternate years.

**ENG 238. AFRICAN-AMERICAN LITERATURE BEFORE 1945 4 sh**

This course traces the development of the themes of protest, accommodation and escapism found in the fiction, poetry and drama of African-American writers before 1945. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110. Offered fall of alternate years.

**ENG 239. AFRICAN-AMERICAN LITERATURE SINCE 1945 4 sh**

An examination of works by major African-American writers since 1945 focuses on making connections between writers. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110. Offered spring of alternate years.

**ENG 250. INTERPRETATIONS OF LITERATURE 4 sh**

Interpretations of Literature employs different critical approaches to interpret and evaluate poetry, drama and fiction from a variety of cultures. Prerequisite: ENG 110. Offered fall and spring.

**ENG 251. ENGLISH STUDIES IN BRITAIN 4 sh**

A study-tour based in London emphasizes the theatre and places of literary and cultural importance. The course includes excursions to such places as Stratford-upon-Avon, Stonehenge and Canterbury. This course satisfies the General Studies literature requirement. Winter term only.

**ENG 255. TOPICS IN LITERATURE 4 sh**

Courses taught under this number will introduce students to the study of several different genres of literature. The reading selections will explore a theme such as Urban Life, Family, the Holocaust, Spiritual Life, Cultures in Contact, Business and Literature. The course is especially recommended for students who are not English majors. It fulfills the General Studies literature requirement. May be repeated to replace a failing grade. Offered fall and spring. Prerequisite: ENG 110.

**136 ENG 266. LITERATURE OF TERROR AND THE SUPERNATURAL 4 sh**

A study of the elements of terror and the supernatural in selected literary works that are designed to inspire fear. Representative authors include Samuel Taylor Coleridge, Edgar Allan Poe, Henry James and Stephen King. Extensive use of videos. Offered in winter. Prerequisite: ENG 110.

### **Language Studies**

This selection of courses centers on studies in the structure and historical development of the English language and in the theory of rhetoric and composition.

**ENG 302. HISTORY OF THE ENGLISH LANGUAGE 4 sh**

This study traces the historical development of the English language from its Indo-European origins to the present. Prerequisite: ENG 110.

**ENG 303. LINGUISTICS 4 sh**

Linguistics is the study of the systems of language, including the phonology, morphology, semantics and varieties (social and regional) of the English language. Prerequisite: ENG 110.

**ENG 304. UNDERSTANDING RHETORIC 4 sh**

This course surveys the history and theories of rhetoric, one of the oldest disciplines, for centuries promoted as one of the primary liberal arts, and long understood as crucial to the development of effective citizens and leaders for democratic life. Students will explore the dynamic and culturally influenced history of rhetoric, gain an understanding of diverse

rhetorical theories, and examine such issues as the scope of rhetoric, its functions, its processes and the ways it is associated with other disciplines. Prerequisite: ENG 110

**ENG 305. AMERICAN ENGLISH 4 sh**

This course examines the development of American English from the 16th-century influences of Jamestown and Massachusetts settlers to Creoles developing along the Mexican border and in Florida. Study includes regional and social varieties of English, phonetics and literature that employs dialects. Prerequisite: ENG 110.

***Advanced Writing***

Courses in this group are specifically designed to provide practice in different kinds of writing beyond the introductory level.

**ENG 310. CROSS-CULTURAL RHETORICS 4 sh**

Cross-Cultural Rhetorics examines how professional writing and rhetoric are affected by the cultural and social expectations of international communities. In addition to investigating and comparing examples of the discourse expectations for texts produced in several international contexts, the course will explore the growing use of English as a language of international business and politics and will examine the language's impact on the rhetorical situations in which it is used. Prerequisite: ENG 110

**ENG 311. COLLABORATION AND PUBLICATIONS MANAGEMENT 4 sh**

This course is designed as an extended, hands-on exploration of collaborative writing and its relationship to professional writing. Students read, think and write about the theories and practices of collaborative learning and writing, while studying how those theories relate to the roles we assume as professional writers. Students will develop an understanding of collaborative writing as a complex social, political and rhetorical act; and will strive to articulate a careful consideration of the ethical responsibilities collaborative writing must acknowledge and negotiate. Prerequisite: ENG 110

**ENG 312. VISUAL RHETORIC AND DOCUMENT DESIGN 4 sh**

This course introduces students to the specialized study and practice of visual rhetoric and document design. Emphasizing the rhetorical nature of visuals and design, the course draws attention to the thinking, processes and skills that are part of design, with specific attention to the design of various documents professional writers encounter. Students will be introduced to a variety of theories and design approaches. In addition to studying this content, they will have opportunities to apply and reflect on what they have learned. Prerequisite: ENG 110.

**ENG 315. INTERMEDIATE CREATIVE WRITING: NONFICTION 4 sh**

In this writing workshop, students develop a specific aspect of writing ability (e.g., voice, stylistics) or practice a particular type of writing (e.g., essay, biography, travel writing). Focus changes each semester. Prerequisite: ENG 110.

**ENG 316. INTERMEDIATE CREATIVE WRITING: POETRY 4 sh**

This workshop, centered around students' poems, also includes study of 20th century poetry (occasionally earlier) to learn poetic techniques and to recognize the many possibilities of poetic forms, subjects and voices. Prerequisite: ENG 110 and ENG 213 or permission of instructor. Offered fall.

**ENG 317. INTERMEDIATE CREATIVE WRITING: FICTION 4 sh**

This workshop, centered around students' stories, also includes study of 20th century fiction (occasionally earlier) to learn techniques and to recognize possibilities for point of view, characterization, structure and diction. Prerequisite: ENG 110 and ENG 213 or permission of instructor.

**ENG 318. SCIENTIFIC AND TECHNICAL COMMUNICATION 4 sh**

This course examines the complex nature and practice of scientific and technical discourse. Although open to anyone with an interest in this topic, the course is designed especially for students majoring in the sciences who want to improve the professional writing skills necessary for successful careers in their chosen fields and students majoring in writing or communications who wish to pursue careers as technical and scientific communicators. Prerequisite: ENG 110.

**ENG 319. WRITING CENTER WORKSHOP 4 sh**

The Writing Center Workshop enhances students' writing ability while they learn to tutor writing. Students are required to tutor four hours each week in Elon's Writing Center. Strong writing abilities and interpersonal skills recommended. Prerequisite: ENG 110. Offered fall and spring.

**Historical Studies**

Courses in this group explore literature in historical, interdisciplinary and cross-cultural contexts.

**ENG 321. CLASSICAL LITERATURE 4 sh**

This study of ancient Greek and Roman literature and culture includes authors such as Homer, Plato, Sophocles, Ovid and Virgil, with readings from mythology, the great epics of the Trojan War, drama, philosophy and lyric poetry in modern translations. Satisfies departmental pre-1800 requirement and the departmental global/multicultural requirement. Prerequisite: ENG 110. Offered fall of alternate years.

**ENG 322. MEDIEVAL LITERATURE 4 sh**

This study of literature and culture of the European Middle Ages includes authors such as Dante, Chretien de Troyes, Chaucer and Malory, with readings from modern translations of epics such as *Beowulf* or *The Song of Roland*, poetry about love or religious experience such as *The Divine Comedy* or narratives about adventure and chivalry, such as legends of King Arthur. Satisfies departmental pre-1800 requirement. Prerequisite: ENG 110.

**ENG 323. RENAISSANCE LITERATURE 4 sh**

This study of British and Continental literature and culture of the 16th and early 17th centuries includes authors such as Sidney, Marlowe, Montaigne, Shakespeare and Cervantes. Readings in Renaissance English from Elizabethan and Jacobean drama, sonnet sequences, lyric and narrative poems, and precursors of the modern novel, such as *Don Quixote* are covered. Satisfies departmental pre-1800 requirement. Prerequisite: ENG 110.

**ENG 324. ENLIGHTENMENT 4 sh**

This study focuses on the great works of British, Continental and American literature during an age of reason and sensibility marked by industrial, scientific and political revolutions. Satisfies departmental pre-1800 requirement. Prerequisite: ENG 110.

**ENG 325. ROMANTICISM 4 sh**

Romanticism provides an interdisciplinary study of British, American and Continental Romantic literature in the context of art, music (especially opera), cultural life and intellectual history. Prerequisite: ENG 110.

**ENG 326. REALISM AND THE LATER 19TH CENTURY 4 sh**

This study involves an interdisciplinary look at British, American and Continental literary movements (realism, naturalism, symbolism and aestheticism), including reading selected masterworks in the context of the intellectual and cultural life of the period. Prerequisite: ENG 110.

- ENG 327. 17TH CENTURY LITERATURE** 4 sh  
 This study of “The Century of Genius” includes works by British and Continental authors who ushered in the modern world. Satisfies departmental pre-1800 requirement. Prerequisite: ENG 110.
- ENG 328. MODERNISM** 4 sh  
 This interdisciplinary study of modernism as a dominant intellectual movement of the 20th century explores topics such as alienation, the artist’s role, the primitive, consciousness and the unconscious, human rights and the postmodern. The literature is supplemented by art, music and philosophical texts. Prerequisite: ENG 110.
- Cultural Studies**  
 Courses in this group emphasize the study of literature in its cultural context, often from the perspective of a particular social group. Regional, gender, ethnic and class issues are all possible concentrations.
- ENG 330. APPALACHIAN LITERATURE** 4 sh  
 A survey of 19th and 20th century Appalachian poetry, short and long fiction, drama, music, film and culture. Prerequisite: ENG 110.
- ENG 331. ADVANCED WORLD LITERATURE** 4 sh  
 Advanced study of selected works of European, Asian, African and Latin American literatures (in English translation), from historical and cultural critical perspectives. Offered fall of alternate years. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.
- ENG 332. LITERATURE OF THE SOUTH** 4 sh  
 Emphasis is given to major 20th century writers in this study of Southern literature, its background and themes. Prerequisite: ENG 110.
- ENG 333. WOMEN IN LITERATURE: FEMINIST APPROACHES** 4 sh  
 Women in Literature studies modern and traditional works of literature interpreted or reinterpreted from the perspective of feminist literary theories. Prerequisite: ENG 110.
- ENG 334. NATIVE AMERICAN LITERATURE** 4 sh  
 In an introduction to American Indian literature from the 18th century through the present, study includes special emphasis on contemporary writers of the Native American Renaissance. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.
- ENG 335. LATIN AMERICAN LITERATURE AND CULTURE** 4 sh  
 This course looks at recent Latin American literature mainly through the lens of history and politics, but economics, geography, music, art and religion will also be taken into consideration. Course content will be in the form of poems, short and long fiction, non-fiction and film. Taught in English translation. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.
- ENG 336. PARIS AND THE EXPATRIATES** 4 sh  
 This course explores the culture and remarkable inhabitants of 1920s Paris. It examines the varied nationalities of selected expatriates, why Paris attracted them and how it enriched them. Central figures of study include creative writers, performers, painters, photographers, essayists and entrepreneurs. Prerequisite: ENG 110.
- ENG 337. ASIAN LITERATURE OF SOCIAL CHANGE** 4 sh  
 This course explores revolutionary democratic movements outside of the American tradition by studying 20th century Asian poetry, fiction and films, primarily of China and India. Offered irregularly. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.

**ENG 338. THE AFRICAN EXPERIENCE IN LITERATURE** 4 sh  
 This course studies the literature of a variety of African countries in relation to Africa's cultural traditions and its transition to modernity. Genres may include fiction, plays, poems, autobiographies and oral literature. Offered spring of alternate years. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.

**ENG 339. AMERICAN ENVIRONMENTAL WRITERS** 4 sh  
 A study of the major American environmental and natural history writers with close attention to issues of environmental ethics, aesthetics of nature and cultural attitudes towards the environment. The authors studied are Thoreau, Muir, Leopold, Carson, Abbey, Lopez, Wilson and Snyder. The course will emphasize the growing ethical and aesthetic appreciation of nature in American culture and how the insights of environmental writers can be used to address the environmental crisis. Offered spring of alternate years. Prerequisite: ENG 110.

**Author Studies**

Courses in this group focus on the works of individual authors who have captured and continue to hold the imaginations of readers. Typical offerings include Hawthorne, Melville, Poe, Hardy, Dickinson, Cather and those listed below.

**ENG 341. CHAUCER** 4 sh  
 A close study of Chaucer's major works in the context of their medieval, intellectual and cultural background includes the greater portion of *The Canterbury Tales*, the dream visions and *Troilus and Cressida*. Satisfies the departmental pre-1800 requirement. Prerequisite: ENG 110.

**ENG 342. SHAKESPEARE** 4 sh  
 Courses taught under this number examine the life and representative works of Shakespeare in the context of English culture of the late 16th and early 17th centuries. Typical offerings are "Shakespeare: Works" (selections from each of his genres), "Shakespeare: Tragedies" or "Shakespeare: Comedies." Students may receive credit for more than one Shakespeare course in this category if the title is different. Satisfies the departmental pre-1800 requirement. Prerequisite: ENG 110.

**ENG 343. HEMINGWAY** 4 sh  
 This course is a study of the Hemingway canon, including posthumous literature, published from the early 1920s to 2000. Emphasis will center on his various genres, where and how biography applies to interpretation of his work, his use of international locale and his artistic legacy. Prerequisite: ENG 110.

**ENG 344. ROBERT FROST** 4 sh  
 This study of Frost's early development as a lyric poet focuses on the close reading of his poetry, criticism and masques in the context of New England regionalism and the emergence of Modernism in American letters. Prerequisite: ENG 110.

**ENG 345. JANE AUSTEN** 4 sh  
 Background study of 18th- and 19th-century England and the development of the novel are part of this examination of the life and writings of Austen. Prerequisite: ENG 110.

**ENG 348. MARK TWAIN** 4 sh  
 This course studies the life and work of Mark Twain as an American humorist, realist and social critic. Readings include *Roughing It*, *Innocents Abroad*, *The Gilded Age*, *Life on the Mississippi*, *Huckleberry Finn* and *Pudd'nhead Wilson*, as well as selected shorter works and later writings. Prerequisite: ENG 110.

## Genre Courses

These courses offer studies in specific types of literature such as poetry, drama, the novel, the essay and the short story. Courses in genre include “kinds” of literature which cut across the more traditional genre labels.

- ENG 351. THE NOVEL** 4 sh  
Focus and content vary in this course, which examines representative novels from different countries and ages. Typical emphases include the American, the British, the picaresque, the political novels and the Bildungsroman. This course sometimes carries an emphasis on gender. Prerequisite: ENG 110.
- ENG 352. DRAMA** 4 sh  
In a study of western drama from ancient Greece to the present, representative texts are examined in their historical and cultural contexts. Prerequisite: ENG 110.
- ENG 353. POETRY** 4 sh  
This course examines how different types of poems work: their structure and sound, metaphor and image, thought and passion. We will study narrative and lyric poems by past and current writers and explore the influence of history and culture in shaping their work. Prerequisite: ENG 110
- ENG 354. THE SHORT STORY** 4 sh  
Study of the short story as a literary form spans from its origins and development by Poe, Chekhov and others to experimental contemporary writers. Typically, five or six collections by writers from a variety of cultures are read, with some attention to the problem of film adaptation. Prerequisite: ENG 110.
- ENG 355. SPECIAL TOPICS IN GENRE STUDIES** 4 sh  
This course will offer specialized topics in genre and could include such topics as Laughter and Comedy, The Novel: British Women Writers, or Modern Poetry: British and American. *May be taken more than once for credit, but may be applied to the English major only once.* Prerequisite: ENG 110
- ENG 356. NONFICTION** 4 sh  
Courses offered under this heading will usually focus on a specific subgenre of nonfiction, such as travel writing, nature writing, political writing, biography, memoir, new journalism, and the personal essay. Prerequisite: ENG 110.
- ENG 357. THE LONDON THEATRE** 4 sh  
Students see productions of Shakespearean and other classic dramas and experience more modern and contemporary plays — both fringe and mainstream — in this study of drama in the London Theatre. Prerequisite: ENG 110. Study Abroad students only.
- ENG 359. AFRICAN-AMERICAN NOVELS** 4 sh  
This study of novels by such writers as Baldwin, Ellison, Hurston, Walker, Wright and Morrison gives attention to gender, place, alienation and changes in forms of protest. This course satisfies the cultural studies requirement for English majors. Offered fall of alternating years. Satisfies the departmental global/multicultural requirement. Prerequisite: ENG 110.

## Special Topics

Special Topics courses involve studies of various topics, some of which fall outside the boundaries of traditional literary study.

- ENG 361. GENDER ISSUES IN CINEMA** 4 sh  
This course explores how well film reveals gender differences between men and women. Time is spent studying gender stereotyping, the psychological accuracy of film’s represen-

tations of gender and gendered behavior of film directors. This course does not fulfill the General Studies literature requirement. Prerequisite: ENG 110.

**ENG 362. FILM CRITICISM 4 sh**

This course emphasizes how to interpret cinema critically, using films that illustrate cultural differences, periods and types of filmmaking and achievements in techniques and ideas of the greatest directors. This course does not fulfill the General Studies literature requirement. Prerequisite: ENG 110.

**ENG 365. LITERATURE AND THEOLOGY 4 sh**

This course provides an interdisciplinary study focusing on relationships between literary and theological disciplines with special attention to literature illustrating various approaches to religious questions. Prerequisite: ENG 110. (ENG 365 cross-listed with REL 365.)

**ENG 366. CONTEMPORARY WRITERS 4 sh**

This course explores the contemporary movements in fiction, poetry and nonfiction with special attention to style and technique. This course will include significant reading as well as the production of original work. Assignments will be both creative and academic. Required for Creative Writing concentration majors, this course can also meet the General Studies literature requirement and the core literature requirement for English majors. Prerequisites: ENG 110; ENG 213, or permission of instructor.

**ENG 367. THE ARTHURIAN LEGEND 4 sh**

Course study traces the development of stories of King Arthur and the Round Table from their appearance in the early Middle Ages through the present. Genres include chronicle, poetry, fiction and cinema. Prerequisite: ENG 110.

**ENG 381. WRITING INTERNSHIP 1-4 sh**

The Writing Internship is designed to give English majors from all concentrations practical experience in workplace settings potentially connected to future careers. Specific requirements will vary, but will include readings, reflective writing assignments, and creating a portfolio. Offered fall, winter, spring.

**ENG 382. TEACHING INTERNSHIP 1-4 sh**

The student will attend a 100-200-level course and will work with the professor teaching this course to develop assignments, journal prompts, quiz and class discussions, as well as lead small group discussions. The student will also meet with the professor once a week to discuss strategies for planning the course, selection of texts, the structure of daily class sessions and the pedagogical techniques used in the course. Prerequisites: ENG 110 and English majors of at least sophomore standing. By permission of instructor and chair.

**ENG 397. WRITING AS INQUIRY 4 sh**

This course is designed to introduce students to a survey of the methods and methodologies of research in rhetoric, composition and professional writing. The course will emphasize reading from a broad survey of key texts in the field and hands-on practice of key methods such as workplace ethnography. The culminating project for the course will be to prepare the research proposal for their senior seminar project. Prerequisite: ENG 110.

**ENG 399. YOUNG ADULT LITERATURE 4 sh**

In this study of contemporary literature for young adult readers, students read texts appropriate to the adolescent, examine common themes and apply critical approaches suitable for middle grades and secondary classrooms. Authors may include Judy Blume, Robert Cormier, S. E. Hinton, Madeleine L'Engle, Gary Paulsen, Katherine Patterson and Cynthia Voigt. Credit toward English teacher licensure. No credit toward English major/minor. Prerequisites: EDU 211, ENG 110.

**ENG 411. ADVANCED TOPICS IN PROFESSIONAL WRITING AND RHETORIC 4 sh**

Special topics courses within the professional writing and rhetoric concentration offer

students a deeper study of theory and practice as well as further opportunities to develop themselves as rhetors. Possible topics include Zen and Writing, Advanced Interactive Design, Citizen Rhetor, Advanced Composition and Argument, Writing for Non-Profits. *May be taken more than once for credit, but may be applied to the English major only once.* Prerequisite: ENG 110.

- ENG 413.      **ADVANCED CREATIVE WRITING**      **4 sh****  
 Students in this workshop course will combine their reading of fiction, nonfiction and poetry with the production of their own new texts. This is specifically designed for the writing and revision of pieces suitable for publication and manuscripts appropriate for application to graduate writing programs. This class will be extremely rigorous while preserving the supportive and constructive atmosphere of the writing workshop. *May be taken more than once for credit, but may be applied to the English major only once.* Prerequisites: ENG 110, 213, and at least one upper-level creative writing course (ENG 315-317).
- ENG 414.      **SPECIAL TOPICS IN CREATIVE WRITING**      **4 sh****  
 Special topics courses within the creative writing concentration offer students further opportunities to develop themselves as writers. Possible topics include Poetic Forms: History, Theory and Practice; Teaching Creative Writing in the Community; Flash Fiction; The Short-Short Story; and Hybrid Genres: The Confluence of Poetry, Fiction and Nonfiction. *May be taken more than once for credit, but may be applied to the English major only once.* Prerequisite: ENG 110, 213.
- ENG 420.      **STUDIES IN EARLY MODERN LITERATURE**      **4 sh****  
 Studies in the literature, art and ideas of England and Western Europe as the Renaissance evolves into the modern world. The course looks at how major aspects of modern culture developed during the late sixteenth and seventeenth centuries. This interdisciplinary course allows further study of ideas, works, and events covered in surveys offered by the English and other departments. Satisfies the departmental pre-1800 requirement. Prerequisite: ENG 110.
- ENG 491.      **INDEPENDENT STUDY**      **1-4 sh****
- Senior Seminar, Research**
- ENG 495.      **SENIOR SEMINAR: LITERATURE**      **4 sh****  
 This capstone seminar requires majors to integrate and extend their knowledge and practice of literary study. It emphasizes independent research, effectively presenting research in oral and written forms, and awareness of current debates in literary studies. Prerequisite: ENG 110. Majors only or by permission of instructor.
- ENG 496.      **SENIOR SEMINAR: CREATIVE WRITING**      **4 sh****  
 The senior seminar in creative writing focuses on the students' production of new work in fiction, poetry and/or nonfiction in a workshop environment. Emphasis is also placed on the active reading of contemporary authors. Prerequisite: ENG 110, 213. Majors only or by permission of instructor.
- ENG 497.      **SENIOR SEMINAR: PROFESSIONAL WRITING AND RHETORIC**      **4 sh****  
 This course is a general introduction to the language and methods of advanced study in professional writing and rhetoric. Modeled after a graduate seminar, it allows students to conduct independent research in an area of their choice. Prerequisite: ENG 110. Majors only or by permission of instructor.
- ENG 499.      **RESEARCH IN ENGLISH**      **1-4 sh****  
 This course offers students the opportunity to create an undergraduate original research project guided by a faculty mentor. A research proposal form completed by the student and faculty mentor is required for registration. Prerequisite: permission of instructor.

## Environmental Studies

*Coordinator: Associate Professor MacFall*

*Professors: Angyal, Gooch, Weston*

*Associate Professors: D'Amato, H. Frontani, Haenel, Kingston, Redington, Spray*

*Assistant Professors: Peters, Ponton, Strickland, Touchette, Xiao*

Elon University offers both an A.B. and B.S. degree in Environmental Studies, blending scientific foundations with an appreciation of society's needs and concerns. As we face the future, it becomes increasingly clear that environmental challenges are not isolated. The quality of our water, the integrity of our coasts, the health of our forests have shaped the world in which we live. The Earth's capacity to provide is not without limits and is being challenged by demands of our human population. Though the challenge is global, solutions must be found through local, national and international actions grounded in a renewed appreciation for the Earth. Elon University guides students to meet the challenges of today and to become creative and visionary stewards who will lead us to the Earth of tomorrow.

In Elon's program, students take a balanced, interdisciplinary core of classes grounded in ecological understanding. The strength of the program is from the emphasis placed on considering the environment from many perspectives — for example, discussing water resources in science, social science and humanities classes. Students working toward the B.S. degree choose a concentration either in environmental science or society and the environment. The A.B. degree is designed to complement interests in traditional disciplines through minors or a second major, building an environmental focus. The program culminates in a capstone senior seminar, in which students develop a community-based project. In recent seminars, students designed a river corridor protection plan. Students are also required to complete an internship and are encouraged to participate in independent research. Students are also eligible to apply for the Elon College Fellows Program.

### Elon University Center for Environmental Studies

A center has been established with the mission of providing a regional focus for activities and interests which meet the environmental needs of the community in the Piedmont Region of North Carolina. The Center's activities have focused on developing community partnerships with Elon students and faculty, working with the community on environmentally focused projects. Recent project partners have included the Piedmont Land Conservancy, the Haw River Lands and Trails Association, the Natural Resource Conservation Service, the National Park Service, N.C. Parks and Recreation, local governments and industries. These partnerships have provided research and internship opportunities, providing real world opportunities to students and strengthening their personal and professional development.

**A Bachelor of Arts degree with a major in Environmental Studies** requires the following:

ENS	111	Introduction to Environmental Science	3 sh
ENS	113	Introduction to Environmental Science Lab	1 sh
ECO	201	Principles of Economics	4 sh
POL	224	Environmental Policy and Law	4 sh
ENG	339	American Environmental Writers	4 sh <b>or</b>
PHL/REL	348	Environmental Ethics	

ENS	381	Internship in Environmental Studies	1-4 sh
ENS	461	Senior Seminar in Environmental Studies	4 sh
Choose one course from the following:			4 sh
ENG	212	Writing Rhetoric and Interface Design	
ENG	318	Scientific and Technical Communication	
ENS/GEO	350	Introduction to GIS	
GEO	356	Remote Sensing and GEO 355 Introduction to Cartography	
JCM	218	Media Writing	
JCM	211	Professional Speaking and Rhetoric	
Choose two courses from the following: (Must be from two departments)			8 sh
ECO	335	Environmental Economics	
ENS	310	Environment Issues in Southeast Asia	
ENG	339	American Environmental Writers	
PHL/REL	348	Environmental Ethics	
POL	344	International Environmental Change	
GEO	345	Global Environmental Change	
GEO	310	Development and Environment in Latin America, Africa and Asia	
GEO	342	Gender and Environment in South America	
Choose two courses from the following:			8 sh
BIO	112/114	Introduction to Population Biology and Lab	
BIO/ENS	215	Diversity of Life	
BIO	355	Field Biology (Study Abroad)	
CHM	101/102	Basic Chemistry and Lab	
PHY	110	Energy and the Environment	
<b>TOTAL</b>			<b>41-44 sh</b>

**A Bachelor of Science degree with a major in Environmental Studies** requires the following:

PHY	110	Energy and the Environment	4 sh
ENS	111	Introduction to Environmental Science	3 sh
ENS	113	Introduction to Environmental Science Lab	1 sh
BIO	112	Introduction to Population Biology	3 sh
BIO	114	Introduction to Population Biology Lab	1 sh
ENS	215	Diversity of Life	4 sh
BIO	452	General Ecology	4 sh
CHM	111	General Chemistry I	3 sh
CHM	112	General Chemistry II	3 sh
CHM	113	General Chemistry I Lab	1 sh
CHM	114	General Chemistry II Lab	1 sh
ECO	201	Principles of Economics	4 sh
POL	224	Environmental Policy and Law	4 sh
ENS	381	Internship	2 sh
ENS	461	Seminar: Environmental Impact Assessment and Policy Development	4 sh

MTH	112	General Statistics	4 sh
PHL/REL	348	Environmental Ethics	4 sh or
ENG	339	American Environmental Writers	
<b>TOTAL</b>			<b>50 sh</b>

**Select one of the following two concentrations:**

**Science Concentration**

CHM	211	Organic Chemistry I	3 sh
CHM	213	Organic Chemistry I Lab	1 sh
CHM	305	Environmental Chemistry	4 sh
Choose two courses from the following:			8 sh
PHY	103	Basic Concepts in Geology	
BIO	422	Aquatic Biology	
CHM	311	Quantitative Analysis	
BIO	335	Field Biology (Study Abroad)	
BIO	344	Evolution	
<b>TOTAL</b>			<b>16 sh</b>

**Society and Environment Concentration**

ECO	335	Economics of Environmental Issues	4 sh
Choose three courses from the following:			12 sh
POL	328	Public Policy	
POL	344	International Environmental Policy	
POL	431	Policy Analysis and Program Evaluation	
ENS	310	Environmental Issues of Southeast Asia	
GEO	310	Development and the Environment in Latin America, Africa and Asia	
GEO	320	Africa's People and Environments	
ENS/GEO	350	Introduction to Geographic Information Systems	
ENG	318	Scientific and Technical Communications	
<b>TOTAL</b>			<b>16 sh</b>

**A Bachelor of Science degree in Environmental Studies/Environmental Engineering:** See requirements listed in Engineering.

**ENS 111. INTRODUCTION TO ENVIRONMENTAL SCIENCE 3 sh**

This course explores the fundamental principles of the biological and physical sciences behind natural ecosystems. The central focus is the study of ecosystem function, human impact and techniques of environmental assessments. Students consider different world views and the development of solutions. Satisfies the laboratory science requirement for General Studies. Corequisite: ENS 113. Offered fall and spring.

**ENS 113. INTRODUCTION TO ENVIRONMENTAL SCIENCE LAB 1 sh**

Students will be introduced to techniques for environmental assessment. The focus is on field research as applied to environmental management. One 3-hour laboratory per week. Corequisite: ENS 111. Offered fall and spring.

**ENS 215. DIVERSITY OF LIFE****4 sh**

This course examines the basic concepts of biological form and function, based on evolutionary relationships and diversity. Students investigate the natural history of local species and their role in community dynamics. Laboratory experiences emphasize field investigations, including sampling techniques, species identification and data analysis. Satisfies the General Studies lab science requirement. This course can be used for the major in Environmental Studies and the Elementary Education concentration in Society and Environment, as well as a minor in Biology. No credit toward the Biology major. Prerequisites: ENS 111/113 or BIO 112/114. (ENS 215 is cross-listed with BIO 215). Offered spring.

**ENS 310. ENVIRONMENTAL ISSUES IN SOUTHEAST ASIA****4 sh**

This course focuses on the environmental issues facing the island nations and the mainland countries of Southeast Asia. The major environmental problems in this region of the world include deforestation, soil erosion, habitat destruction, habitat fragmentation, water pollution from mineral extraction and industry, unsustainable harvesting practices and rising rates of disease. These issues will be examined in the context of climate, topography, vegetation, societal evolution and human history. Emphasis will be placed on the demographic, cultural, political, religious, economic and ecological reasons for the current state of the environment of Southeast Asia. Practical solutions to reduce environmental degradation and promote sustainable development will be examined. This course cannot be used to satisfy a science requirement. Offered alternate years.

**ENS 350. INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS****4 sh**

(Cross-listed with GEO 350. See GEO 350 for description.) This course can be applied toward the Studies in Arts and Sciences requirement for Society. It cannot be applied toward the Science requirement. Offered fall.

**ENS 381. INTERNSHIP IN ENVIRONMENTAL STUDIES****2-4 sh**

An internship provides work experience at an advanced level in an environmental science field. Prerequisite: junior/senior standing as an ENS major and permission of the Program Coordinator. Offered fall, winter, spring or summer.

**ENS 461. SEMINAR: ENVIRONMENTAL IMPACT ASSESSMENT AND POLICY DEVELOPMENT****4 sh**

Students cooperate in a semester-long project, conducting a complete field investigation of a land/water development proposal. The course provides an opportunity for the students to apply their knowledge, analytical and problem-solving skills and ethical perspectives in the creation of a report that could be used by a municipal or regional planning organization. Prerequisite: senior standing as an ENS major. Offered fall.

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**Exercise Science**

*Chair, Department of Health and Human Performance: Associate Professor J. Davis*

*Professors: Beedle, Calhoun*

*Associate Professors: Hall, Miller*

*Assistant Professors: Baker, Bixby*

*Instructor: Bender*

Exercise Science is the systematic study of the mechanisms underlying human movement and exercise, including human anatomy, physiology, neuroscience, psychology, motor learning and biomechanics. An individual studying exercise science should have a strong interest in the scientific analysis of human movement.