## 866.

**Digital Signal Processing** Spring. 3(3-0) Interdepartmental with Computer Science. P: EE 466, EE 863.

Review of elementary DSP concepts. Transform algorithms. Filter design and implementation. Adaptive filters. Spectrum estimation. Applications. QP: EE 466, EE 456

#### 874. **Physical Electronics** Fall. 3(3-0)

Applications of quantum mechanics and statistical mechanics in solids. Band theory of semiconductors. Electrical transport phenomena. Pn junctions. QA: EE 874, EE 875

#### 875. Electronic Devices

Spring. 3(3-0) P: EE 874.

Operating properties of semiconductor devices includ-ing DC, AC, transient and noise models of FET, BJT, metal-semiconductor contact, heterostructure, microwave and photonic devices. QP: EE 474 QA: EE 875, EE 876

#### 885. Artificial Neural Networks

Fall. 3(3-0) Interdepartmental with Computer Science.

Overview of neuro-engineering technology. Basic neural network architectures. Feedforward and feedback networks. Temporal modeling. Supervised and unsupervised learning. Implementation. Basic applications to pattern recognition.

#### 899. Master's Thesis Research

Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 24 credits in all enrollments for this course.

QA: EE 899

#### 921. **Advanced Topics in Digital Circuits** and Systems (MTC)

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Computer Science. Topics vary each semester. Topics such as testable and fault-tolerant digital systems, embedded architectures QP: EE 809, EE 813

## 925.

Advanced Topics in Power (MTC) Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Topics vary each semester. Topics such as advanced stability and control of power systems, power system planning, or advanced machine drives. QP: EE 823, EE 824 QA: EE 920

#### 929 Advanced Topics in Electromagnetics (MTC)

Fall, Spring, 3 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course.

Topics vary each semester. Topics such as planar waveguides and circuits, antenna theory, geometrical theory of diffraction. QP: EE 837 QA: EE 929

931. Advanced Topics in Electronic Devices and Materials (MTC) Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

Topics vary each semester. Topics such as VLSI technology, microdevices and microstructures, properties of semiconductors QP: EE 874 QA: EE 932

#### 932. Advanced Topics in Analog Circuits (MTC)

Spring of even-numbered years. 3(3-0) A student may earn a maximum of 3 credits in all enrollments for this course. Topics vary each semester. Topics such as advanced

circuit analysis.

#### 960. Advanced Topics in Control (MTC)

Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Topics vary each semester. Topics such as adaptive control, or nonlinear control. *QP: EE 826* 

#### 963. Advanced Topics in Systems (MTC)

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

Topics vary each semester. Topics such as system identification and adaptive filtering, robot dynamics and control, or learning in artificial neural networks.

#### 966. Advanced Topics in Signal Processing (MTC)

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

Topics vary each semester. Topics such as discrete time processing of speech signals, multidimensional signal processing, or detection and estimation theory.

989. Advanced Topics in Plasma (MTC) Fall of odd-numbered years. 3(3-0) A

student may earn a maximum of 6 credits in all enrollments for this course. Topics vary each semester. Topics such as plasma processing for IC fabrication, plasma diagnostic techniques

QP: EE 850 QA: EE 989

#### **Doctoral Dissertation Research 999**.

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 72 credits in all enrollments for this course.

QA: EE 999

## ENGINEERING

## **College of Engineering**

### 150. Engineers and the Engineering Profession

Spring. 2(2-0) R: Open only to freshmen and sophomores.

N. Open only w permit and some ones. Overview of the engineering profession. Historical background. Engineering specialities. Engineers at work. ProfessionalisIm and ethics. Communication skills. Future trends and challenges.

EGR

#### 160. Minority Engineering Education Seminar

Fall. 2(2-0) R. Open only to freshmen in the College of Engineering and to freshmen no-preference students. Issues relevant to underrepresented engineering minority groups. Diversity in engineering. Transition-al problems. Communication skills. Career options. QA: EGR 290

#### 200. Technology, Society and Public Policy Fall. 2(2-0)

P: 2 courses in mathematics or engineering or science. R: Not open to freshmen.

Description and analysis of certain technologies and their consequences. Development of techniques for assessing consequences as an aid to formulation of public policy. QA: EGR 200

#### Independent Study 290.

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all

enrollments for this course. R: Students in College of Engineering, approval of department.

Independent undergraduate research in engineering.

#### Selected Topics 291.

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.

R: Open only to freshmen, sophomores. Experimental course development or special topics appropriate for freshmen and sophomores. QP: EGR 290

393. **Engineering** Cooperative Education Fall, Spring, Summer. 1(1-0) A student may earn a maximum of 6 credits in all enroll-

ments for this course.

R: Open only to students in College of Engineering. Educational employment assignment approved by

College of Engineering. Pre-professional educational employment experiences in industry and government related to student's major. QA: EGR 344

ENGLISH

## ENG

## Department of English College of Arts and Letters

#### 090A. Intensive English for Non-Native Speakers

Fall, Spring. 0 credit. [12(20-0) See page A-2, item 3.]

R: Approval of English Language Center. Explanation and intensive practice of English skills. Focus on beginning grammar, speaking, listening,

reading, and writing. QA: ENG 091, ENG 092, ENG 093, ENG 094.

ĚNG 095

#### 090B. Intensive English for Non-Native Speakers

Fall, Spring. 0 credit. (12(20-0) See page

A-2, item 3.] R: Approval of English Language Center.

Explanation and intensive practice of English skills. Focus on intermediate grammar, speaking, listening, reading, and writing. QA: ENG 091, ENG 092, ENG 093, ENG 094.

# ÈNG 095

### 090C. Intensive English for Non-Native Speakers

Fall, Spring. 0 credit. [12(20-0) See page A-2, item 3.]

R: Approval of English Language Center. Explanation and intensive practice of English skills. Focus on advanced grammar, speaking, listening, reading, and writing. QA: ENG 091, ENG 092, ENG 093, ENG 094, ENG 095

#### 091. **English Structure for Non-Native** Speakers

Fall, Spring. 0 credit. [3(3-0) See page A-2. item 3.1

R: Approval of English Language Center. Explanation and practice of advanced grammatical structures of English in relation to written communication. Emphasis on editing skills. QA: ENG 091

## 0.92Academic oral Skills for Non-Native Speakers of English Fall, Spring. 0 credit. [3(3-0) See page A-

2, item 3.]

R: Approval of English Language Center.

Intensive speaking and listening practice of spoken academic English. Lecture-listening and note-taking strategies. oral communication skills improved through discussions and classroom presentations. QA: ENG 092

### *093*. Academic Reading and Writing Skills for Non-Native Speakers of English Fall, Spring. 0 credit. [6(6-0) See page A-

2. item 3.1

R: Approval of English Language Center. Integrative reading and writing strategies for academic purposes. Vocabulary development, intensive and extensive reading, and critical reading skills. Academic writing style and editing strategies. QA: ENG 094, ENG 095

## 094.

Academic Reading Skills for Non-Native Speakers of English Fall, Spring. 0 credit. (3(3-0) See page A-2, item 3.]

R: Approval of English Language Center. Intensive and extensive reading skills. Vocabulary development, pre-reading strategies, reading for comprehension, and critical reading skills. QA: ENG 094

### 095. Academic Writing Skills for Non-Native Speakers of English Fall, Spring. 0 credit. [3(3-0) See page A-

2 item 3.1 R: Approval of English Language Center. Writing, editing, and revision of journals, essays and Research papers. QA: ENG 095

## Pronunciation and Listening for Non-Native Speakers of English 096.

Fall, Spring, Summer. 0 credit. [3(3-0) See page A-2, item 3]. R: Approval of English Language Center. Practice in pronunciation: discrete sounds, rhythm, and stress. Listening comprehension. Listening for main ideas and details. QA: ENG 093

#### 097. **Oral Skills for Foreign Teaching** Assistants

Fall, Spring. 0 credit. [3(5-0) See page A-2, item 3.]

R: Approval of English Language Center. Practice in English skills for classroom instruction. Pronunciation. Presentations and handling questions. Managing student interactions and classroom situations.

QA: ENG 092

### 102H. Honors Writing Seminar Fall, 4(4-0)

R: Open only to Honors College freshmen or approval of department.

Workshop in critical reading and writing emphasizing the problematics of voice and the development of analytic and argumentative skills. Reading and writ-ing in various discursive modes. QĂ: ENG 101H, ENG 102H

### Writing Non-Fiction: Processes and 202. Contexts

Fall, Spring. 3(3-0)

P: Completion of Tier I writing requirement. R: Not open to freshmen. Open only to students in English and to students in English teaching minor. Writing the major forms of non-fiction prose. Empha-

sis on the diversity of forms non-fiction takes and on the processes experienced writers engage in while composing. QP: ENG 102 QA: ENG 213

#### 203. Genres and Themes

Fall, Spring. 3(3-0) R: Not open to students in English and American Studies, and to students in English teaching minor. Texts organized by genre and theme with attention to the historical and cultural perspectives which define them.

QA: ENG 206, ENG 207, ENG 208

#### 204. **Readings in North American** Literatures

Fall, Spring. 3(3-0)

R: Not open to freshmen. Not open to students with English majors or minors.

Selected texts from North American literatures drawn from a variety of historical periods, genres, and cul-tures, reflecting the diversity of North American experiences. QA: ENG 380

### 205. **Readings in British Literatures**

Fall, Spring. 3(3-0) R: Not open to freshmen. Not open to students with English majors or minors.

Selected texts from British literatures drawn from a variety of genres and historical periods, reflecting the diversity of human experiences and the continuity of human concerns. QA: ENG 381

### 205H. Honors Studies in Literary Form Fall. 3(3-0)

P: ENG 202H. R: Open only to Honors College students or approval of department. Not open to students with credit in ENG 211H. History and practice of selected genres and modes of

hiterature such as novel, lyric, essay, romance, and satire. Instruction in critical writing.

### 206. **Readings in Contemporary** Literatures Fall, Spring. 3(3-0)

R: Not open to freshmen. Not open to students with English majors or minors.

Selected texts of various genres from contemporary literatures written in English, reflecting the diversity of human experiences. QA: ENG 382

### 210. Introduction to the Study of English

Fall, Spring. 4(4-0) R: Open only to students in English and in American Studies, and to students with a secondary teaching minor in English.

Production, interpretation, and dissemination of texts in their political, religious, economic, social, and literary contexts. Introduction to critical methodologies and to writing about texts and modes of discourse.

## QA: ENG 211

## 211H. Honors Foundation in Literary Studies

Fall, Spring. 4(4-0) R: Open only to Honors College students or approval of department. Not open to students with credit in ENG 205H.

Literary form and textual analysis. Literary theory and critical methodology. Questions of historical and cultural context. QA: ENG 211

#### Introduction to Creative Writing 226. Fall, Spring. 4(4-0)

R: Not open to freshmen. Open only to students in English. Completion of Tier I writing requirement. Major forms and methods of creative writing: fiction, poetry, drama, narrative essay, and film. QP: ENG 101, ENG 102 QA: ENG 226

### Introduction to Fiction Writing 228 Fall, Spring. 4(4-0) P: ENG 210 or ENG 226. R: Not open to freshmen.

Open only to students in the College of Arts and Letters.

Directed practice in the writing of fiction. Special attention to the types and structures available to the fiction writer. QP: ENG 206 or ENG 226 QA: ENG 228A

### Introduction to Poetry Writing 229.

Fall, Spring. 4(4-0) P: ENG 210 or ENG 226. R: Not open to freshmen. Open only to students in English and to students with a secondary teaching minor in English. Directed practice in the writing of poetry. Special attention to the types and structures available to the

QP: ENG 206, ENG 207, ENG 208 or ENG 226 QA: ENG 229

#### 232.Writing as Exploration Fall. 3(3-0)

P: Completion of Tier 1 writing requirement. R: Not open to freshmen. Open only to students in English and to students in English teaching minor. Study and writing of non-fiction prose that reflects on experience, individual and social. Special attention to autobiography and personal essay. QP: ATL 1X1 or ATL 1X2 or ATL 1X3 or ENG 102 QA: ENG 230

#### 265. **Classical Myths and Literature** Fall. 3(3-0)

R: Not open to freshmen. Greek myths that have been wrought into later poetry, fiction, drama, painting, sculpture, and music. QA: ENG 365

## 266. Literary Interpretation of the Bible Spring. 3(3-0) R: Not open to freshmen. 266.

Selections from the Old and New Testaments. Emphasis on major themes, genres, characterizations, and styles. QA: ENG 366

#### 270. Introduction to Film

Fall, Spring. 4(4-2) R: Completion of Tier I writing requirement.

Basic concepts and techniques of film analysis and criticism.

QP: ENG 334 or ENG 335 or ENG 347 or ENG 488 QA: ENG 212 or AL 210

#### Independent Study 290.

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

#### 302. Introduction to English Language Studies

Fall, Spring. 3(3-0) R: Not open to freshmen.

Acquisition of oral and written English. English dialects and styles. Minority dialects and Standard English. Reading and writing English. QA: ENG 302

### Methods of Teaching English to Speakers of Other Languages 307. Spring. 3(3-0)

R: Not open to freshmen and sophomores. National and international approaches, methods, materials, settings, needs, and characteristics of TESOL. Survey, evaluation, and application of major effective methods and materials. QA: ENG 407

#### 309. Writing for Prelaw Students Fall. 4(4-0)

R: Not open to freshmen and sophomores. Completion of Tier 1 writing requirement.

Step-by-step process for organizing and writing a legal argument. Emphasis on logical, clear, and persuasive style.

QP: ENG 213 QA: ENG 310

#### 310A. Literature in English to 1660 Fall, Spring. 4(4-0)

P: ENG 210 R: Open only to students in English and to students with a secondary teaching minor in English.

Cultural contexts, literary tradition, modes of dis-Course, and genres of literature in English. QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211 QA: ENG 351

# **310B.** Literature in English 1660-1789 Fall, Spring. 4(4-0) P: ENG 210. R: Open only to students in English and

to students with a secondary teaching minor in English

Cultural contexts, literary traditions, modes of dis-course, and genres of English, American and world

QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211 QA: ENG 352

310C. Literature in English 1789-1900 Fall, Spring. 4(4-0) P: ENG 210. R: Open only to students in English and to students with a secondary teaching minor in English.

Cultural contexts, literary traditions, modes of dis-course, and genres of English, American and world

literature in English. *QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211 QA: ENG 353* 

# 310D. Literature in English since 1900

Fall, Spring. 4(4.0) P: ENG 210. R: Open only to students in English and to students with a secondary teaching minor in English.

Cultural contexts, literary traditions, modes of dis-

course, and genres of English, American and world literature in English. *QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211* 

### 310E. Literature in English: Modern Media and Culture

Fall, Spring. 4(4-0) P: ENG 210. R: Not open to freshmen. Open only to students in English and American Studies, and to

students in English teaching minor. Cultural contexts, modes of discourse, and generic development of twentieth-century media in an intercultural context. QP: ENG 206, ENG 207 or ENG 206, ENG 208 or ENG 207, ENG 208 or ENG 211

### 312. Workshop in Professional Writing

312. Workshop in Frojessional manager Spring. 3(3-0) P: ENG 202 or ENG 232. R: Open only to students in English and in American Studies, and to students with a secondary teaching minor in English. Directed practice in writing clear, concise and effective professional prose, with special attention to practical forms like reports, position papers, and proposals.

QP: ENG 213 or ENG 230 QA: ENG 312

## 373. **Composition Workshop for**

Prospective Teachers Fall, Spring. 4(3-4) R: Open only to majors in the Department of English

with a teacher certification option. Writing workshop for prospective English teachers. An integrated language arts approach through re-sponse to literature and process writing instruction and evaluation. Field experience required. QA: ENG 330

#### 327. Playwriting

Spring. 4 credits. A student may earn a maximum of 8 credits in all enrollments for this

R: Not open to freshmen. Approval of department. Basic elements of playwriting through writing and critical analysis of original scenes and one-act plays and through analysis of dramatic technique in selected works by professional playwrights. QA: ENG 327

### 328.Intermediate Fiction Writing

Fall, Spring, 3(3-0) P: ENG 228. R: Open only to majors in English. Approval of department.

Form and technique in fiction writing. Emphasis on prose fiction themes, forms and structures. Relation of plot to meaning. Symbols and metaphors. *QP: ENG 226 or ENG 206 QA: ENG 228B* 

#### 329Intermediate Poetry Writing

Fall, Spring, 3(3-0) P: ENG 229. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

Further directed practice in the writing of poetry. Special attention to the types and structures available to the poetry writer. QP: ENG 229 QA: ENG 329

### 341. Introduction to Popular Culture Fall. 3(3-0) P: ENG 310E. R: Not open to freshmen.

Generic and thematic study of the artifacts and discourses of popular culture. Emphasis on contemporary

societies. QA: ENG 241

### 342. **Popular Literary Genres** Fall. 3(3-0)

P: ENG 210 or ENG 310E. R: Not open to freshmen. A particular genre of popular literature such as sci-ence fiction, crime fiction or Gothic, with attention to media other than print. QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211 QA: ENG 242

#### 344. Jewish-American Literature

Fall. 4(4-2) R: Not open to freshmen.

Fiction, poetry, drama, memoir and film in their artistic and cultural contexts. QA: ENG 344

#### 349. African-American Literature I Fall. 3(3-0)

P: ENG 210. R: Not open to freshmen. Not open to students with credit in ENG 450. From beginnings in African oral tradition to the Civil

War. Autobiography, history, and slave narrative. Syncretic development and production of culture. QP: ENG 206, ENG 207, ENG 208 or ENG 211 QA: ENG 349 or ENG 450

### 350. African-American Literature II

Spring. 3(3-0) P: ENG 210. R: Not open to freshmen. Not open to students with credit in ENG 450. students with credit in ENG 450. From the ephemeral promises of Reconstruction to the present. Themes include the "New Negro" move-ment, the Civil Rights era, and the contemporary Black Women Writers' Renaissance. QP: ENG 206, ENG 207, ENG 208 or ENG 211 QA: ENG 350 or ENG 450

#### 357. Chicano and Latino Literatures in English

Spring, 3(3-0) P: ENG 210. R: Not open to freshmen. American multiethnic literatures. Focus on the syncretic experience of early and recent immigrants. QP: ENG 206, ENG 207, ENG 208 or ENG 211

#### 352.Asian American Writing

Spring. 3(3-0) Interdepartmental with Linguistics and Languages. R: Not open to freshmen and sophomores. Writing by Americans of Asian descent. Attention to artistic, historical, and cultural contexts. QP: ENG 208 or ENG 211

#### 353. Women and Literature

Fall, Spring. 3(3-0)

R: Not open to freshmen. Relationship of women to cultural and literary texts, as revealed in literature written by women. Critical responses to these texts. Feminist approaches to literature.

## QA: ENG 342

#### World Literature 360.

Fall. 3(3-0) Interdepartmental with Linguistics and Languages, and Romance Language Courses.

P: 6 credits of literature. R: Not open to freshmen. Open only to students in the College of Arts and Letters.

Works which address material and cultural realities from a global rather than a national or regional perin English, from the orient, the Middle East, Africa, and the Caribbean. QA: ENG 360, ENG 361

### 361. Asian Literature in English or in

English Translation Spring. 3(3:0) Interdepartmental with Linguistics and Languages. R: Not open to freshmen. Open only to students in

English; to students in the Department of Linguistics and Germanic, Slavic, Asian and African Languages; to students in English teaching minor; and to students in the Specialization in Asian studies.

Literary traditions of a major Asian Civilization--Chiinternational contexts of Asian literature. QA: ENG 361

#### African Literature 363.

Fall. 3(3-0)

P: 6 credits of literature. R: Not open to freshmen. Open only to students in the College of Arts and Letters.

From the oral tradition to the contemporary novel. Variety of African literary forms. Diversity of voices and traditions. QA: ENG 363

#### 370. Film and Society

Fall. 4(4-2) A student may earn a maximum of 8 credits in all enrollments for this course. P: ENG 270 or ENG 310E. R: Not open to freshmen. Approval of department for second enrollment. How films reflect social issues of gender, ethnicity, class, sexual orientation and handicapper status. How film affects and shapes social attitudes. QP: ENG 212 QA: ENG 333

#### 371. Film Genres

Fall. 4(4-2) A student may earn a maximum of 8 credits in all enrollments for this course. P: ENG 270 or ENG 310E. R: Not open to freshmen. Approval of department for second enrollment.

Nature, purpose, characteristics, conventions, historisignificance. Genre theories. Genre and gender. Genre and ethnicity. *QP: ENG 212 QA: ENG 335* 

**372.** Film Directors Fall, Spring. 4(4-2) A student may earn a maximum of 8 credits in all enrollments for this course.

P: ENG 270 or ENG 310E. R: Not open to freshmen. Approval of department for second enrollment. Themes, artistry, significance of specific film directors, with emphasis upon questions of authorship. QP: ENG 212 QA: ENG 334

#### The Silent Film 373.

Spring. 3(3-2) P: ENG 270 or ENG 310E. R: Not open to freshmen.

History. Development of visual language, genres, social attitudes and acting style. Major films, significant directors QP: ENG 212 QA: AL 301

#### 374. Screenwriting

Fall. 3(3-0) P: ENG 270 or ENG 310E. R: Not open to freshmen. Basic elements of screenwriting. Dramatic action, exposition, plotting, characterization and dialogue, finalizing the script. Markets. *QP: ENG 212* 

#### 375. American Fiction

Fall, Spring. 3(3-0) P: ENG 210: ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Open only to majors in English and to students with a secondary teaching

minor in English. Selected fictional texts within the context of the historical development of fictional genres in America. QP: ENG 206, ENG 207, ENG 208 or ENG 210, ENG 211

#### 376. American Drama

Spring. 3(3-0) P: ENG 210. R: Open only to majors in English and to students with a secondary teaching minor in English.

Significant American drama largely from the twenti-eth century. Such playwrights as O'Neill, Miller, Williams, Hellman, Odets, Wilder, Albee, and Hansberry, among others. QP: ENG 206, ENG 207, ENG 208 or ENG 211

#### 377. American Poetry

Spring. 3(3-0) P: ENG 210. R: Open only to majors in English and to students with a secondary teaching minor in English.

Poetry writing in America from the time of European settlement to the present, with attention to historical periods, movements, genres, and figures. QP: ENG 206, ENG 207, ENG 208 or ENG 211

#### American Non-Fictional Prose 378.

Spring, 3(3-0) P: ENG 210. R: Open only to majors in English and in American Studies, and to students with a secondary teaching minor in Énglish.

Prose writing in America from the time of European settlement to the present, with attention to historical periods, ideas, genres, and authors. *QP: ENG 206, ENG 207, ENG 208 or ENG 211* 

#### 379. American Women Writers

 379. American Women Writers Fall. 3(3-0)
P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E.
The emergence of women's literary voices. Contribu-tion of women's writing to the literary, social, cultural, spiritual and intellectual development of the nation there of Estion are of Stations of arcticles. through fiction, non-fiction and poetry. QP: ENG 206, ENG 207, ENG 208 or ENG 211

### 380. American Cultural Criticism

Fall. 3(3-0) P: ENG 210. R: Open only to majors in English and in American Studies, and to students with a secondary teaching minor in English. Writers who have both criticized and contributed to

American culture in works commenting on literature, politics, religion and society. *QP: ENG 206, ENG 207, ENG 208 or ENG 211* 

#### 393H. Critique of Genre and Form

Fall. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.

P: 4 credits of literature. R: Open only to Honors College students or approval of department. Critical approaches to the history and practice of genre and form.

### 394H. Studies in Authorship

Spring, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. P: 4 credits of literature. R: Open only to Honors College students or approval of department. Intensive study of writings of one or two authors, with attention to critical, historical, and literary concerns, including the question of literary authority.

#### 403. The Development of Modern English Fall. 3(3-0)

R: Not open to freshmen and sophomores. Historical development of the English language. Native and foreign elements. Changes in inflection, pronunciation, vocabulary, and meaning. QA: ENG 403

### English Dialects Fall. 3(3-0) 404.

R: Not open to freshmen and sophomores. Dialectal variation in English. Regional dialects, both national and international. Ethnic and social dialects. Gender and language. Standard English and American vernaculars. Dialects in literature. QA: ENG 404

### Language Use in the African-American Community 405.

Fall. 3(3-0)

R: Not open to freshmen and sophomores. Discourse and speaking styles in the African-Ameri-can community. origins and uses of Black English Vernacular. Issues in African-American language and literacy.

#### **Topics in English Language Studies** 406. Spring. 3(3-0)

R: Not open to freshmen and sophomores. Focus on a major issue in the study of English, such as language planning in the United States, the making and use of dictionaries, and gender and language in English.

#### 408. Socio-Psycholinguistic Approaches to **Reading** in the Disciplines Fall, Spring. 4(3-4)

P: ENG 302. R: Open only to majors in the Depart-ment of English with a teacher certification option. Reading instruction in English and language arts classrooms. Focus on content reading strategies for diverse populations, literature for children and young adults, reader response theory, and strategies for literacy

QP: ENG 302, ENG 330, ENG 331 QA: ENG 408A

#### Chaucer 410.

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B. R: Not open to freshmen. Open only to students in English and to

students in English teaching minor. Capterbury Tales and other works by Chaucer, read in Middle English. Historical and literary contexts of Chaucer's works.

QP: ENG 208 or ENG 211, ENG 351 or ENG 352 QA: ENG 410

#### 411. Spenser

P: ENG 210; ENG 310A or ENG 310B. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

The Faerie Queene and other works by Spenser. Historical and literary contexts of Spenser's works. QP: ENG 211, ENG 351 or ENG 352 QA: ENG 411

#### 412 Milton

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B. R: Not open to freshmen. Open only to students in English and to

to presenter. Open only to students in English and to students in English teaching minor. Paradise Lost and other works by Milton. Historical and literary contexts of Milton's works. QP: ENG 208 or ENG 211, ENG 351 or ENG 352 QA: ENG 412

#### 413. **English Teaching Methods**

Fall, Spring, 3(3-0) P: ENG 313, ENG 408. R: Open only to majors in the Department of English with a teacher certification option.

Integrating the language arts—speaking, listening, reading, and writing-within multi-cultural class rooms. Relationship of social theories of education to curricular issues and classroom management. Social critique of education.

### 415. Critical Studies in Language and

Literacy Spring. 3(3-0) A student may earn a maxi-mum of 9 credits in all enrollments for this course. P: ENG 302 or ENG 408 or ENG 413.

Current research in language and literacy, with emphasis on implications for multicultural classrooms. Topics vary. QP: ENG 302, ENG 330, ENG 331, ENG 408A

#### 421. Shakespeare

Fall, Spring. 3(3-0) P: 6 credits of English literature. R: Not open to freshmen and sophomores.

Selected plays chosen to represent the different periods of Shakespeare's career and the genres in which he wrote. Attention to historical and literary contexts. QA: ENG 421

423. Writing and Style Spring, 3(3-0) P: ENG 232 or ENG 312. R: Not open to freshmen and sophomores. Open only to students in English and to students in English teaching minor. Style as a significant feature of non-fiction prose.

Analysis of texts, writing exercises, and directed practice in composing. QP: ENG 230 or ENG 312 QA: ENG 423

### **Comparative Drama: Classical and** 426A. Medieval

Fall. 3(3-0) P: 6 credits of English or Theatre. R: Not open to freshmen and sophomores. Ancient and medieval drama, with special emphasis on Greek tragedy. QA: ENG 426A

### 426B. Comparative Drama: Renaissance and Baroque Spring, 3(3-0) P: 6 credits of English or Theatre. R: Not open to

freshmen and sophomores. The development of European dramatic arts in the

sixteenth and seventeenth centuries. QA. ENG 426B

#### 426D. **Comparative Drama Ibsen to World** War II

Fall. 3(3-0)

P: 6 credits of English or Theatre. R: Not open to freshmen and sophomores.

Major themes and developments in American, British, and Continental European drama seen through representative plays of the period. QA: ENG 426D

#### 426E. Comparative Drama: 1945 to the Present

Spring. 3(3-0) P: 6 credits of English or Theatre. R: Not open to freshmen and sophomores.

American, British, and Continental European drama from World War II to the present seen through representative plays of the period. QA: ENG 426D

### 426F. **Comparative Drama: Indian** Subcontinent

Fall. 3(3-0)

P: 6 credits of English or Theatre. R: Not open to freshmen and sophomores. Ancient theatrical traditions in the Indian subconti-

nent and their relation to modern theatrical practices in the area.

#### 428.Advanced Fiction Writing

Fall, Spring. 3(3-0) P: ENG 328. R: Not open to freshmen and sophomores. Open only to students in English and to students in English teaching minor. Approval of department. Advanced workshop in writing short stories and

longer forms of fiction. Reading and analysis of published fiction.

QP: ENG 228A or ENG 228B QA: ENG 328

#### 429.**Advanced Poetry Writing** Fall. 3(3-0)

P: ENG 329. R: Not open to freshmen and sophomores. Reading contemporary poetry and writing original *poems.* Interdependence of idea and execution in successful poems. Emphasis on craft and poetics. *QP: ENG 329* 

### 436A. Comparative Fiction: Western Fall. 3(3-0)

P:6 credits of literature. R: Not open to freshmen and sophomores.

Comparative study of fictional narratives from different historical periods, cultures, and national or ethnic origins. Focus on European, English, and American literacy traditions. QA: ENG 436

### 436B. **Comparative Fiction: Non-Western**

Spring. 3(3-0) P: 6 credits of literature. R: Not open to freshmen and sophomores.

Comparative study of English language fiction and related fiction in English translation from cultures and literary traditions outside those of Europe, Eng-land, and the United States. Emphasis on British colonial and post-colonial traditions.

### 439. 20th Century English Poetry

Fall. 3(3-0) P: ENG 210: ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in

English teaching minor. Themes, styles, forms, and aesthetics of poetry from Britain, Ireland, and other English-language countries excluding the United States. QA: ENG 439

### 440. American Poetry 1900-1950

Spring. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studies, and to students in English teaching minor. Poetry representing the diversity of modern American letters. Considerations of gender, race, and class as they influence multiple poetic traditions. QP: ENG 208 or ENG 210 QA: ENG 448

#### 441. American Literature to 1820 Fall. 3(3-0)

P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studies, and to students in English teaching minor. Colonial, Revolutionary, and early national periods. Attention to the diversity of voices in early America. QP: ENG 208 or ENG 211 or ENG 352 or ENG 353 QA: ENG 441, ENG 442

#### American Literature: 1820-1865 442.

Spring. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studuses, and to students in English teaching minor. Works by writers such as Poe, Emerson, Fuller and Douglass chosen to illustrate the diversity of voices in early nineteenth century America and studied in their historical and cultural contexts. QP: ENG 208 or ENG 211 QA: ENG 442, ENG 443, ENG 446

#### American Literature 1865-1900 443.

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studopen only to students in English teaching minor. Works by writers such as Whitman, Dickinson, Twain, James, Wharton, Chesnutt, Crane, and Chopin chosen to illustrate the diversity of voices in middle and late nineteenth century America studied in their historical and cultural contexts.

QP: ENG 208 or ENG 211 QA: ENG 443, ENG **4**46

### 444. American Literature, 1900-1950

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Stud-ies, and to students in English teaching minor. Selected works by writers such as Larsen, Wright, Hurston, Cather, Hemingway, Faulkner, Pound, H.D., O'Neill, Bogan. Advent of New Criticism. Increased importance of African American and white women writers

QP: ENG 208 or ENG 211 QA: ENG 447

### 445. American Literature since 1950

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studies, and to students in English teaching minor. Texts of America's recent past and present, including fiction, drama, poetry, and non-fiction, with attention to the relationships between the works and the cultures they come from. QP: ENG 208, ENG 210 QA: ENG 454

# 450.

## Studies in African American Literature

Spring, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. P: ENG 349 or ENG 350. R. Not open to freshmen and Sophamores. Comprehensive analysis of a single writer, group of

writers, period, genre, or theme in African American literary history. Critical reception, cultural production, and culture criticism. QP: ENG 349, ENG 350 QA: ENG 450

### 451. Studies in Popular Culture

Spring. 3(3-0) P: ENG 210, ENG 310E. R: Not open to freshmen and sophomores. Open only to students in English and American Studies, and to students in English teaching minor.

Problems of and approaches to the study of popular cultures, principally of England and the United States

QP: ENG 208 or ENG 211 QA: ENG 340

#### 452. British Literature since World War II Spring. 3(3-0)

P: 6 credits of literature. R: Not open to freshmen and sophomores.

English language literature of Britain, Ireland, and other countries influenced by England, exclusive of the United States. QA: ENG 452

#### **Contemporary American Poetry** 453.

Fall, Spring. 3(3-0)

P: 6 credits of literature. R: Not open to freshmen and sophomores.

American poetry from World War II to the present. QA: ENG 453

### 454. Middle English Literature

Spring. 3(3-0) P: ENG 210, ENG 310A. R: Not open to freshmen. Open only to students in English and to students in English leaching minor.

Such fourteenth and fifteenth-century English works as Sir Gawain and the Green Knight, Piers Plowman, and the cycle drama. Works of Chaucer not treated. QP: ENG 351 or ENG 410

#### 455. Renaissance Literature and Drama Fall, 3(3-0)

P: ENG 210, ENG 310A. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

Poetry, prose, and non-Shakespearean drama, 1500--1660. Conventions, genres, issues, and cultural functions

QP: ENG 351 or ENG 410 or ENG 411 or ENG 412 or ENG 421 or ENG 422 QA: ENG 455, ENG 456

#### 456. **Renaissance Texts: Current Perspectives**

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this

course. P: ENG 411 or ENG 412 or ENG 421 or ENG 455. R: Not open to freshmen and sophomores. Open only to students in English and to students in English teaching minor. Advanced study of selected works, authors, genres,

and issues in light of current approaches and con-cerns. Gender, race, class, sexual orientation, cultural functions and contexts. QP: ENG 351 or ENG 400 or ENG 411 or ENG

412 or ENG 421 or ENG 422

### British Literary Studies, 1660-1800 457

457. Driven Literary Sincerca, 1000-1000 Spring. 4(4-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

British writing from Restoration to the period of the French Revolution, including decline of the epic, emergence of satire and the novel, women as authors and audience, advent of literary criticism, and British revolutionary discourse. Dryden, Swift, Pope, and

QP: ENG 208 or ENG 211 QA: ENG 460, ENG 462

### British Literature in the Age of **45**8. Revolution

Fall. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in English leaching minor.

British writing in the age of science and revolution; Austen, Blake, Barbauld, Byron, Clare, Coleridge, Crabbe, De Quincey, Hazlitt, Mary Shelley, Percy Shelley and Wordsworth. QP: ENG 208 or ENG 211 QA: ENG 465, ENG

466

#### 459. Victorian Studies

Spring. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

British culture and society 1832-1870, especially as it affected the production of non-fictional prose. *QP: ENG 208 or ENG 211 QA: ENG 471* 

#### 460. British Literature in the Age of Empire

Spring. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

The textual culture of the British empire 1870-1914, including colonial discourse, naturalism, the aesthetic turn in poetry and the arts, and development of popular genres.

QP. ENG 208 or ENG 211

#### 461. Second-Language Acquisition Fall. 3(3-0)

R: Not open to freshmen and sophomores. Factors in second-language learning such as age, motivation, language input and interaction, social influences, the role of the native language, and language universals. QA: ENG 409

### Studies in the Literature of Africa 463. and the African Diaspora

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: ENG 349 or ENG 350 or ENG 360 or ENG 363 or ENG 450 or ENG 475 or 9 credits of literature. R: Not open to freshmen and sophomores. Written approval

of department. Writers, genres, regions, or themes in African and diasporic literatures. QA: ENG 463, AFR 420

#### Canadian Literature 465.

P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studies, and to students in English teaching minor. Canadian literature in historical and multicultural contexts

QP: ENG 208 or ENG 211 QA: ENG 364

### Film Theory and Criticism 470.

Spring, 4(4-2) P: ENG 270 or ENG 310E; one other film course. R: Not open to freshwer and sophomores. Theories regarding film as art, medium of discourse, and cultural encoding. QP: ENG 212 QA: ENG 488, AL 400

#### Third World Cinema 471.

Fall. 4(4-2) P: ENG 270 or 6 credits of film study. R: Not open to

Freshmen and sophomores. Films of the Third World, including major directors and trends from Africa, Asia, and Latin America. QP: ENG 212 QA: AL 303

#### 472. Studies in British Film

Fall. 4(4-2) P: ENG 270; ENG 370 or ENG 371 or ENG 372 or

ENG 373 or ENG 374. R: Not open to freshmen and sophomores.

British film history, genres, regional differences, and social significance. QP: ENG 212 QA: AL 303

#### 473. Film and Literature

Spring. 3(3-2) P.ENG 270. R: Not open to freshmen and sophomores. Diferences and similarities between filmic texts and literary texts and between viewing and reading. The process of adaptation from literature to film. QP: ENG 212 QA: ENG 347

#### **Studies in World Literature** 475.

Fall. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. Interdepartmental with Linguistics and Languag-

P: ENG 360 or ENG 361 or ENG 362 or ENG 363 or 6 credits of literature. R: Not open to freshmen and sophomores.

Intensive study of a single author or group of authors who address material and cultural realities of the twentieth century from a global rather than a national or regional perspective. QP: ENG 360 or ENG 361 or ENG 362

#### 476. **American** Authors

476. American Authors Spring. 3(3-0) P: ENG 210; ENG 310A or ENG 310B or ENG 310C, 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and American Studies, and to students in English teaching minor.

Intensive study, set in historical, critical, and comparative contexts, of one to three American writers. Attention to genre, gender, and regional associations. QP: ENG 208 or ENG 211

#### 477A. **Comparative Epic:** The Oral Tradition

Foll 3(3-0)

P: 6 credits of literature. R: Not open to freshmen. Comparative analysis of the "Iliad", "The Old Testa-ment", "Beowulf", and the "Song of Roland," read against their cultural backgrounds. QA: ENG 477A, ENG 477C

#### **Comparative Epic:** The Literary Epic 477B. Spring. 3(3-0)

P: 6 credits of literature. R: Not open to freshmen. Comparative analysis of the Odyssey, the Aeneid, the Inferno, and Paradise Lost, read against their cultural background. QA: ENG 477B

#### 477C. Comparative Epic: India and Iran Spring. 3(3-0)

P: 6 credits of literature. R: Not open to freshmen. The major epics of India and Iran: Ramayana, Mahabharata, Rancarutmanas, Shahnamah. Read in English.

#### History of Western Literary Criticism 480. Fall, 3(3-0)

P: ENG 210. R: Not open to freshmen and sophomores. Open only to students in English and American Stud-Open only to students in English and American Stud-ies, and to students in English teaching minor. Sources of the practice and theory of literary criticism in the West including the development of modern critical values in the work of Dryden, Johnson, Cole-ridge, Arnold, Eliot. Cambridge English, American New Criticism. Poststructuralism and oppositional creations

practices. QP: ENG 208 or ENG 211 QA: ENG 480

### 481. Modern Critical Theory

Spring. 3(3-0) P: ENG 210. R: Not open to freshmen and sophomores. Open only to students in English and American Studies, and to students in English teaching minor. Current ways of reading, including backgrounds in formalist, linguistic, hermeneutical, feminist, Marx-ian, psychoanalytic, and post-colonial critical discours-

QP: ENG 208 or ENG 211 QA: ENG 481

#### 482. Theory and Practice of Feminist Literary Criticism

Spring. 3(3-0) Interdepartmental with Women's Śtudies.

P: ENG 353 or WS 202. R: Not open to freshmen and sophomores. Open only to students in English and Women's Studies, and to students in English teaching minor.

Feminist literary critical theory and its implications for reading and studying literature. QP: ENG 342, WS 201 QA: ENG 482

483. Literature and Medicine Spring. 3(3-0) Interdepartmental with Lyman Briggs School and Psychology. R: Not open to freshmen and sophomores. Human dimensions of medicine as seen in literature. Health, illness, mortality. Medical dilemmas. Physical and psychological self. Psychological theories used in

interpreting literature. QA: ENG 484

### 485. Development of the British Novel, 1660-1800 Fall, 3(3-0)

P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in

English leaching minor. The early development of British prose fiction, focus-ing on the historical conditions of its production and reception, and its relationship to other modes of cultural discourse. *QP: ENG 208 or ENG 211 QA: ENG 485* 

### Development of the British Novel: The 486. 19th Century

Fall. 3(3-0)

P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310<u>E</u>. R: Not open to freshmen. Open only to students in English and to students in English leaching minor.

English teaching minor. Artistic and cultural dynamics of novels by Austen, the Brontes, Dickens, Eliot, Gaskell, Hardy, Meredith, Morris, Thackeray, Triollope, Ward, and Wilde. QP: ENG 208 or ENG 211 QA: ENG 486

#### The 20th Century English Novel 487. Fall. 3(3-0)

P: ENG 210; ENG 310A or ENG 310B or ENG 310C or ENG 310D or ENG 310E. R: Not open to freshmen. Open only to students in English and to students in English teaching minor.

English-language novels of Britain, Ireland, and other countries influenced by England, exclusive of the United States.

QP: ENG 208 or ENG 211 QA: ENG 487

### 489H. Senior Honors Independent Project

Fall, Spring. 2 to 4 credits. R: Open only to Honors College majors in English or approval of department.

A substantial critical essay, a comparable essay arising from an internship, equivalent creative writing, or a similar project. Writing supervised by a faculty adviser. QA. ENG 497H

#### Independent Study 490.

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Not open to freshmen and sophomores. Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**491.** Special Topics in English Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this

course. R: Not open to freshmen and sophomores. Approval of department.

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

**491H.** Special Topics Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Not open to freshmen. Open only to Honors College Intensive study of an author, topic, or critical issue.

QP: ENG 210, ENG 211H QA. ENG 496H

#### 492. Seminar in English

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen and sophomores. Open only to students in English and American Studies, and to students in English teaching minor. Written approval of instructor.

Specific topic in the language, literatures, or discursive practices of English. Emphasis on individual and group research and on the discussion of student papers. QA: ENG 499

#### 492H. Studies in Period and Genre

Fall. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. P: Two of these courses: ENG 310A, ENG 310B, ENG 310C, ENG 310D, ENG 310E. R: Open only to Honors College majors in English or approval of department. Specific works and authors in relation to their historical context. Topics such as generic conventions and techniques, and particular critical approaches. *QA: ENG 491H, ENG 492H, ENG 493H, ENG* 494H

#### 493. English Internship

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

P: 15 credits of English. R: Open only to majors in English and in American Studies. Approval of department.

Supervised pre-professional field experience in English.

QA: ENG 332

#### 499. Senior Thesis Research

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Open only to seniors in English. Approval of department.

Faculty-supervised research project that demonstrates ability to do independent research and submit or present a major paper.

#### 800. History of the English Language

Fall. 3(3-0) Native and foreign elements of English. Morphological, phonological, and semantic and changes. QA: ENG 800

#### Old English 801.

Fall. 3(3-0)

Phonology and morphology of English before 1100; introduction to Old English literature. QA: ENG 801

#### 802. Beowulf in Old English

Spring. 3(3-0) P: ENG 801.

Textual study of the Old English epic "Beowulf". Religious, literary, and cultural background. QP: ENG 801 QA: ENG 802

### Methods of Teaching English to Speakers of Other Languages 807. Spring. 3(3-0)

R: Open only to graduate students in College of Arts and Letters.

Approaches, methods, and materials for teaching English to non-native speakers, including the teaching of listening, speaking, reading, and writing. Selection and evaluation of materials, lesson planning, and management of activities and materials. QA: ENG 407

### 808. Studies in Teaching English to Speakers of Other Languages Spring. 3(3-0) A student may earn a maxi-

mum of 6 credits in all enrollments for this course. P: ENG 807. R: Open only to master's students in English-Teaching of English to Speakers of Other Languages. Methodology of selected areas in teaching English to

non-native speakers. Materials development and syllabus design. Program administration and evaluation. Instructional evaluation. Testing methods and materials. Major contemporary issues. QP: ENG 407 QA: ENG 807, ÉNG 808

#### Medieval Literature 810.

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this

course. R: Open only to graduate students in English or ap-

proval of department. Chaucer and the literature of the later middle ages read in Middle English. "Piers Plowman", "Sir Gawain", and others. Topics such as medieval aesthetics and manuscript studies. *QA: ENG 810* 

#### 811. **Renaissance** Literature

Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in English. English non-dramatic literature, 1500-1600 QA. ENG 811

### Early English Drama Spring. 3(3-0) 812.

R: Open only to graduate students in English. Non-Shakespearean English drama from its liturgical beginnings to 1642. QA: ENG 812

815. English Literary Studies 1660-1800 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in English or approval of department.

Major topics and traditions in British writing of the Restoration and eighteenth century. Interrelations of power, gender, race, and genre. QA: ENG 815

#### 816. 19th Century English Literature

Fall, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to master's students in English. Approval of department.

Topics such as the long poem, the novel, the lyric, non-fiction prose, and critical theory. QA: ENG 816

#### 817. 19th Century American Literature

Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English or approval of department.

Selected genres and/or authors of nineteenth century American literature. QA: ENG 821

#### 824. **Topics in 17th Century English** Literature

Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in English. English non-dramatic literature, 1600-1660, including Milton. QA: ENG 824

#### Colonial and Revolutionary American 828. Literature Fall. 3(3-0)

R: Open only to graduate students in English and in American Studies.

American literature, from its beginnings in the literature of discovery and exploration to the National period (ca. 1820) QA. ENG 828

#### 829. 20th Century American Literature

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in English or ap-

In open only or graduate contract of the periods of department. Important works, writers, genres, periods, and move-ments in significant aspects of twentieth century American literature. QA: ENG 829

### 830.

**20th Century English Literature** Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in English. Literature of Great Britain and Ireland and the Anglophone literatures influenced by them. QA. ENG 829

#### 833. **Poetry Writing Workshop**

Fall. 3(3-0) A student may earn a maxi-mum of 9 credits in all enrollments for this course. R:Open only to graduate students in English-Creative Writing. Approval of department. A workshop in writing and reading poetry. QA: ENG 833

#### **Fiction Writing Workshop** 835.

Fall. 3(3-0) A student may earn a maxi-mum of 9 credits in all enrollments for this course. R: Open only to graduate students in English-Creative Writing. Approval of department. A workshop in writing and reading fiction. QA: ENG 835

#### 837. Drama Writing Workshop

Fall. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English Creative Writing, Approval of department. Concentration on each student's writing through workshop discussion and conferences with instructor. Attention to professional contemporary drama. QA: ENG 837

### 840.

840. Writing Workshop for Teachers Fall. 3(3-0) A student may earn a maxi-mum of 9 credits in all enrollments for this course. R: Open only to graduate students in English. Examination of techniques for teaching. Directed practice in writing. QA: ENG 840

841. Topics in the Teaching of English Fall. 3(3.-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English and in Literacy Instruction.

Selected topics and issues in the teaching of English and the language arts. QA: ENG 841

#### Variation in English 843.

Spring. 3(3-0) R: Open only to graduate students in College of Arts and Letters.

Effects on English of geographic, ethnic, social, and gender variables. Attitudes toward variation. Usage and language standards.

#### Approaches to the English Language 845. Fall. 3(3-0)

The linguistic study of English. Basic terms and concepts in phonology, syntax, and discourse. Acquisi-tion and variation. Discourse processes and structures.

QA: ENG 845

#### **English Structures and Functions** 846. Spring. 3(3-0)

R: Open only to master's students in English-Teaching of English to Speakers of Other Languages. Phonological, morphological, grammatical, lexical, discourse and pragmatic systems of English, including historical origins and social, regional, and gender variations. Application to the teaching of English to speakers of other languages. QA: ENG 845

#### 847. **Reading and the English Teacher**

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in English and Literacy Instruction.

Reading processes and reading instruction as they relate to the teaching of English in secondary schools, colleges, and universities. QA: ENG 847

#### Analysis of English Discourse 848. Fall. 3(3-0)

R: Open only to graduate students in English. oral and written narratives and conversations. Comparison of discourse structures among cultures, subcultures, and genders. Applications to medical, classroom, second-language, and literary discourse. QA: ENG 848

### 850. African American Literature Fall, 3(3-0)

Canon formation and development of critical paradigms. Comparative American literatures, critical reception, and cultural production. Emphasis varies among particular writers, periods, genres, or themes. QA: ENG 850

#### 855. Shakespeare

Spring, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English or approval of department. Intensive study of selected plays or poems.

QA: ENG 855

### Approaches to the Teaching of Literature 862. Spring. 3(3-0)

R: Open only to graduate students in English and Literacy Instruction.

Literary and reading resources. Critical approaches to and techniques for teaching literature. QA: ENG 862

#### 863. The Literatures of Africa and the Diaspora

Spring. 3(3-0) Interdepartmental with Linguistics and Languages, and Romance Language Courses. R: Open only to graduate students in College of Arts

and Letters.

Literatures of Africa and the Diaspora with emphasis on Third World critical approaches, non-canonical perspectives, and problems. QA: ENG 863

#### Anglophone Literature of South Asia 865.

Fall, 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Linguistics. R: Open only to graduate students in College of Arts and Letters. Approval of department. Historical survey of Anglophone literature of South Asia. Special attention to literary traditions of India.

#### 871. Introduction to Critical Methodology and Research Fall. 3(3-0)

R: Open only to graduate students in English. Research methods, modes of critical discourse, textual study, and scholarly writing. QA: ENG 871

### 872. Methods of Research into Language Learning and Literacy Spring. 3(3-0)

R: Open only to graduate students in English and Literacy Instruction.

Concepts and procedures for designing, evaluating, and conducting applied research in English education. QA: ENG 872

# College Teaching of English Language and Literature: Reading Spring. 3(3-0) 875.

R: Open only to graduate students in English and Literacy Instruction. Integration of the teaching of reading and writing.

Application of research to the teaching of reading. QA: ENG 895B

### College Teaching of English Language and Literature: Writing 876. Spring. 3(3-0)

R: Open only to graduate students in English, Ameri-can Studies, and Literacy Instruction. Integration of the teaching of writing and reading. Application of research to the teaching of writing and composition. QA: ENG 895C

### 877. Myth, Ritual, and Folklore in

Literature Fall. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. Interdepartmental with Romance Language Cours-

R: Open only to graduate students in College of Arts and Letters.

Scholarship in mythology, ritual, and folklore and its use in literature and drama. QA: ENG 877

#### 885. **History of Literary Criticism** Fall. 3(3-0)

R: Open only to graduate students in English. Major traditions, concepts, terminologies, and problems in the history of literary criticism from classical antiquity to the early 20th century. QA: ENG 885

#### 886. Modern Criticism

Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English and American Studies or approval of department. Modern and postmodern critical theory. Structuralism and poststructuralism. Psychological, feminist, Marx-ian, formalist, post-colonial and historicist critical discourse. QA: ENG 886

890. Independent Study Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Open only to graduate students in English and American Studies. Approval of department. Special project, directed reading, and research ar-ranged by an individual graduate student and a

faculty member in areas supplementing regular course offerings.

#### 891. Special Topics in American Literature

Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 9 credits in all enroll-

ments for this course. R: Open only to graduate students in English and American Studies or approval of department. Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.

#### 898. Master's Research

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate students in English and

American Studies. Approval of department. Directed research in support of Plan B master's degree requirements.

#### Master's Thesis Research 899.

Fall, Spring, Summer. 1 to 6 credits. A Rate Spring, Summer. I to b creatis. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate students in English and American Studies. Approval of department.

in partial fulfillment of Pian A master's degree requirements. QA: ENG 899

**955.** Studies in Shakespeare Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to doctoral students in English. Approval of department.

Issues in Shakespeare studies of critical and current interest. QA: ENG 955

## The Reading Process and the Concept 975. of Literacy Spring. 3(3-0) R: Open only to doctoral students in English. Approval

of department.

Contributions of language and literacy studies to research into the reading process and definitions of literacy. QA: ENG 975

#### 980. Studies in Rhetoric

Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to graduate students in English and American Studies. Approval of department. Historical and theoretical perspectives on the traditions of rhetoric. QA: ENG 980

#### *990*. Independent Study

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Open only to doctoral students in English. Approval of department.

Special project, directed reading, and research arranged by an individual doctoral student and a faculty member in areas supplementing the regular course offerings.

**991A.** Topics in English Language Studies Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Open only to graduate students in English and American Studies. Approval of department. A major issue in the study of English such as language planning in the United States, power and status in English discourse, or literary applications of linguistic analysis. QA: ENG 980

**991B.** Topics in Comparative Literature Fall. 3(3-0) A student may earn a maxi-mum of 12 credits in all enrollments for this

course. Interdepartmental with Romance Language Courses and Linguistics. R: Open only to Ph.D. students. Approval of depart-

ment. Critical approaches to genre, periodization, and influ-

ence in English and other literatures. QA: ENG 907

#### 991C. **Topics in African American** Literature

Spring, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. P: ENG 850. R: Approval of department. Analysis of contemporary controversies in African American literary studies.

#### Topics in the Literature of Africa and 991D. the African Diaspora

Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. Interdepartmental with Romance Language Courses, and Linguistics and Languages.

R: Approval of department.

Authors, movements, and cultures of the literature of Africa and the African diaspora.

#### **Topics in Anglophone South Asian** 991E. Literature

Spring. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. Interdepartmental with Linguistics and Languag-

R: Open only to graduate students in College of Arts and Letters. Approval of department. Analysis of an area of South Asian literature written in English.

#### 992. Seminar in American Studies

Fall, Spring, 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Open only to doctoral students in College of Arts and Letters. Approval of department. American literature in a the context of popular and fine arts, the history of ideas, or the history of social movements.

QA: ENG 986

#### Seminar in English Education 992A. Fall. 3(3-0) A student may earn a maxi-

mum of 9 credits in all enrollments for this course. R: Open only to doctoral students in English. Approval of department.

The teaching of English literature, language, and composition. QA: ENG 973

#### 992B. Seminar in English as a Second Language

Fall. 3(3-0) R: Open only to doctoral students in English. Approval of department.

Contemporary theories and issues relating to learning Engish as a second language. QA: ENG 987

#### Seminar in Earlier English 992C. Literature

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Open only to doctoral students in English. Approval of department.

Special problems in English literature, beginnings to 1660.

QA: ENG 981

## 992D. Seminar in Later English Literature

Fall. 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to doctoral students in English. Approval of department.

British literature 1660-1900. Culture and society, periodization and genres. QA: ENG 982

#### 992E. Seminar in 20th Century English Literature

Spring, 3(3-0) A student may earn a maxi-mum of 6 credits in all enrollments for this course. R: Open only to doctoral students in English. Literature of Great Britain, Ireland, and other Anglo-phone countries, exclusive of the United States. QA: ENG 984

#### 992F. Seminar in American Literature to 1900

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Open only to doctoral students in English. Approval of department.

Issues in American literature of critical and current interest QA: ENG 983

#### Seminar in 20th Century American 992G. Literature

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Open only to doctoral students in English. Approval of department.

A particular problem, topic, theme, genre, issue, or period in twentieth century American literature. QA: ENG 984

### Seminar in Literary Form and Theory 992I.

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to doctoral students in English. Approval of department.

Theories of periodization, genre, form, signification, and cultural production which influence the study of literature and language. QA: ENG 985

#### 999. **Doctoral Dissertation Research**

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course.

R: Open only to doctoral students in English.

## ENTOMOLOGY

## **Department of Entomology College of Natural Science**

#### 205. Pests, Society and Environment

Fall, Spring. 3(3-0) Interdepartmental with Botany and Plant Pathology. Nature of pests and their impact on society. Principles of integrated pest management and environmental quality. QA: ENT 201, ENT 250

#### 401. **Directed Studies**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department. Individual field or laboratory research, or review of

published literature, on a topic of interest.

#### 404. General Entomology

Fall, 4(3-3) Summer of even-numbered years: 4 credits. Given at W.K. Kellogg Biological Station. P: BS 110.

Biological relationships of insects to the environment. Evolution, behavior, ecology, metamorphosis, classification, importance to humans, and pest management. QP: BS 212 QA: ENT 301, ENT 302, ENT 425

#### Apiculture and Pollination 410.

Fall. 2(1-2) Biology of bees and their relationship to flowers, pollination and crop production. QA: ENT 410

#### 442. **Concepts of Biological Information** Systems

Spring. 3(3-0) R: Open only to seniors and graduate students. Systems approach to managing biological information using computer technology. QA: SYS 442, SYS 843

### Medical and Veterinary Entomology 460.

Spring. 3(2-3) P: BS 110. R: Open only to juniors and seniors. Insects and other organisms related to human and animal health. Ectoparasites, ecology of vector-borne diseases, epidemiology, and management of arthropod vectors. QP: ENT 301, ENT 302 QA: ENT 460

#### General Nematology 470.

Spring of even-numbered years. 3(2-3) P: BS 110 or BS 111.

Biology of nematodes with special reference to the influence of phytoparasitic, entomopathogenic, animal parasitic, microbiotrophic and marine species on human ecology

QP: BS 210 or BS 211 or BS 212 QA: ENT 470

#### Pest Management I: Pesticides in 477. Management Systems

Fall. 3(3-0) Interdepartmental with Horti-culture, Crop and Soil Sciences, and Fisheries and Wildlife

P: CEM 143; BOT 405 or CSS 402, ENT 404 or ENT 470 or FW 328.

Chemistry, efficient use, environmental fate, and legal aspects of pesticides. *QP: CEM 143, HRT 402 or ENT 425 or CSS 402 or BOT 405 QA: NSC 445* 

#### Pest Management II: Biological 478. **Components of Management Systems**

Spring. 3(2-13) Interdepartmental with Horticulture, Crop and Soil Sciences, Fisheries and Wildlife, and Forestry. P: ENT 404 or ENT 470 or BOT 405 or CSS 402 or

FW 328.

Principles of host plant resistance and biological control and their relationship to the design of agroeco-systems. Classification of insect biological control

agents. QP: ENT 425 or CSS 402 or ENT 470 or BOT 405 QA: NSC 446

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