

254 / Programs and Courses

Engineering

Subject abbreviation: ENGR
The Marlan and Rosemary Bourns
College of Engineering

Advising Office, A159 Bourns Hall
 (951) 827-ENGR (3647);
www.engr.ucr.edu/studentaffairs

Courses in Engineering are a multidisciplinary approach to providing students with training in concepts common to multiple engineering fields. The courses support the undergraduate programs in all disciplines in the Marlan and Rosemary Bourns College of Engineering. Refer to these programs in this section of the catalog for information on course application.

Lower-Division Courses

ENGR 001 (E-Z). Professional Development and Mentoring (1) Activity, 30 hours per quarter.

Prerequisite(s): freshman standing in the Bourns College of Engineering. Provides freshmen with involvement in professional development activities. Activities to be performed are program-specific, and may include projects, industry overviews and interactions, involvement with professional societies and clubs, team building, career guidance, and coverage of ethics and lifelong learning issues. E. Bioengineering; F. Chemical Engineering; G. Computer Engineering; I. Computer Science; J. Electrical Engineering; K. Environmental Engineering; M. Information Systems.

ENGR 002 (E-Z). Professional Development and Mentoring (1) Activity, 30 hours per quarter.

Prerequisite(s): sophomore standing in the Bourns College of Engineering. Provides sophomores with involvement in professional development activities. Activities to be performed are program-specific, and may include projects, industry overviews and interactions, involvement with professional societies and clubs, team building, career guidance, and coverage of ethics and lifelong learning issues. E. Bioengineering; F. Chemical Engineering; G. Computer Engineering; I. Computer Science; J. Electrical Engineering; K. Environmental Engineering; M. Information Systems.

ENGR 010. Introduction to Engineering (2) Discussion, 1 hour; laboratory, 3 hours. Prerequisite(s): none. Introduction to and experience with common everyday engineering and technology devices. Aims to enrich students' appreciation of technology and the application of simple science and engineering concepts in the design and operation of these devices, and to provide students with an early positive engineering experience and interaction with College of Engineering faculty. Graded Satisfactory (S) or No Credit (NC). Credit is awarded for only one of ENGR 010 or ME 001A.

ENGR 092. First-Year Seminar in Engineering (1)

Seminar, 10-15 hours per quarter. Prerequisite(s): Freshman standing. Enrollment priority is given to freshmen, but sophomores may enroll on a space-available basis with consent of instructor. Introduction to one of the many areas of study explored by the faculty of the College of Engineering in a small-group, highly interactive format. Graded Satisfactory (S) or No Credit (NC). Course is repeatable as topics change to a maximum of 3 units of any combination of ENGR

092, HASS 092, and NASC 092; students may enroll in only 1 unit of ENGR 092, HASS 092, or NASC 092 per quarter.

Upper-Division Courses

ENGR 101 (E-Z). Professional Development and Mentoring (1) Activity, 30 hours per quarter.

Prerequisite(s): junior standing in the Bourns College of Engineering. Provides juniors with involvement in professional development activities. Activities to be performed are program-specific, and may include projects, industry overviews and interactions, involvement with professional societies and clubs, team building, career guidance, and coverage of ethics and lifelong learning issues. E. Bioengineering; F. Chemical Engineering; G. Computer Engineering; I. Computer Science; J. Electrical Engineering; K. Environmental Engineering; M. Information Systems.

ENGR 102 (E-Z). Professional Development and Mentoring (1) Activity, 30 hours per quarter.

Prerequisite(s): senior standing in the Bourns College of Engineering. Provides seniors with involvement in professional development activities. Activities to be performed are program-specific, and may include projects, industry overviews and interactions, involvement with professional societies and clubs, team building, career guidance, and coverage of ethics and lifelong learning issues. E. Bioengineering; F. Chemical Engineering; G. Computer Engineering; I. Computer Science; J. Electrical Engineering; K. Environmental Engineering; M. Information Systems.

ENGR 118. Engineering Modeling and Analysis (5)

Lecture, 4 hours; discussion, 1 hour. Prerequisite(s): CHEM 001A or CHEM 01HA; CS 010; MATH 046; PHYS 040B; or consent of instructor. Covers the formulation of mathematical models for engineering systems; applying mass, momentum, and energy balances to derive governing differential equations; solving equations with the use of spreadsheets and other software packages; and fitting linear and nonlinear models to experimental data. Credit is awarded for only one of ENGR 118 or ME 118.

ENGR 180. Technical Communications (3)

Lecture, 2 hours; workshop, 3 hours. Prerequisite(s): ENGL 001C or ENGL 01SC; upper-division standing. Develops oral, written, and graphical communication skills. Involves extensive oral communication and presentations in small groups, and preparing and critiquing reports, proposals, instructions, and business correspondence. Emphasizes professional and ethical responsibilities and the need to stay current on technology and its global impact on economics, society, and the environment.

ENGR 190. Special Studies (1-5)

Individual study, 3-15 hours. Prerequisite(s): upper-division standing or consent of instructor. To be taken with the consent of the chair of the appropriate Engineering program as a means of meeting special curricular problems. Units in this course may not be used to meet requirements for the major unless so designated as a replacement for a requirement not being offered during the student's remaining tenure. Course is repeatable to a maximum of 9 units.

ENGR 191S. Seminar in Sacramento (4)

Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): upper-division standing or consent of instructor; admission to the UCR Center at Sacramento Program. Examines aspects of the Sacramento area, including cultural, political, and governmental institutions and the sciences, arts, and media. Requires a substantial research paper or project, the result of guided

independent work drawing on the unique aspects of Sacramento. Required of participants in the UCR Center at Sacramento Program. Cross-listed with HASS 191S and NASC 191S.

ENGR 191W. Seminar in Washington, D.C. (4)

Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): upper-division standing or consent of instructor; admission to the UCR Washington Center Program. Examines aspects of the Washington, D.C., area, including cultural, political, and governmental institutions as well as the sciences, arts, and media. Requires a substantial research paper or project, the result of guided independent work drawing on the unique aspects of Washington, D.C. Required of participants in the UCR Washington, D.C., Center Program. Cross-listed with HASS 191W and NASC 191W.

ENGR 198-I. Individual Internship (1-12)

Internship, 3-36 hours. Prerequisite(s): upper-division standing or consent of instructor; consent of off-campus supervisors and appropriate Engineering program chair. Designed to provide experience as a practicing engineer in a governmental, industrial, or research unit. Jointly supervised by an off-campus sponsor and an Engineering faculty member. Requires a written final report. Units may not be used to satisfy major requirements. Course is repeatable to a maximum of 16 units.

English

Subject abbreviations: BSWT and ENGL
College of Humanities, Arts, and Social Sciences

Deborah Willis, Ph.D., Chair
 Rise B. Axelrod, Ph.D., Director,
 English Composition
 John C. Briggs, Ph.D.,
 Director, Basic Writing
 Jennifer Doyle, Ph.D.,
 Director, Graduate Studies
 Heidi Brayman Hackel, Ph.D.,
 Director, Graduate Admissions
 George E. Haggerty, Ph.D.,
 Director, Undergraduate Studies

Department Office, 1201 Humanities
 and Social Sciences; (951) 827-5301
 Writing Resource Center, 1102 Humanities
 and Social Sciences
 (951) 827-1384; english.ucr.edu

Professors

Rise B. Axelrod, Ph.D.
 Steven G. Axelrod, Ph.D.
 John C. Briggs, Ph.D.
 Joseph W. Childers, Ph.D.
 Adriana Craciun, Ph.D.
 Kimberly J. Devlin, Ph.D.
 Carole Fabricant, Ph.D.
 John M. Ganim, Ph.D.
 George E. Haggerty, Ph.D.
 Stanley N. Stewart, Ph.D.

Professors Emeriti

Edwin M. Eigner, Ph.D.
 Robert N. Essick, Ph.D.
 Ralph Hanna, III, Ph.D.
 John B. Vickery, Ph.D.

Associate Professors

Jennifer Doyle, Ph.D.
 Heidi Brayman Hackel, Ph.D.
 Keith Harris, Ph.D.
 Katherine A. Kinney, Ph.D.
 Robert Latham, Ph.D.
 Tiffany A. López, Ph.D.
 James Tobias, Ph.D.
 Carole-Anne Tyler, Ph.D.
 Deborah S. Willis, Ph.D.
 Traise Yamamoto, Ph.D.
 Susan Zieger, Ph.D.

Assistant Professors

Andrea Denny-Brown, Ph.D.
 Erica A. Edwards, Ph.D.
 Weihsin Gui, Ph.D.
 Michelle Hermann Raheja, Ph.D.
 Vorris Nunley, Ph.D.

The English Department offers the university community a range of composition courses that develop the skill of writing effective prose, a skill essential to undergraduate work and to communication in society generally. Students can also enjoy and profit from a broad range of literature courses offered by the department, including a number of lower-division courses designed especially with the non-English major in mind.

Major

The English major offers a well-balanced, thought-provoking program for students with a serious interest in the study of literature.

University Requirements

See Undergraduate Studies section.

College Requirements

See College of Humanities, Arts, and Social Sciences, Colleges and Programs section.

Major Requirements

The major requirements for the B.A. in English are as follows:

1. English 020A, ENGL 020B, and ENGL 020C (15 units). These courses are normally required of all English majors as a prerequisite to upper-division courses.
2. ENGL 102 (4 units). This course should normally be taken prior to or concurrently with the student's first upper-division English course.
3. Four courses (16 units); one course from each of the following areas:
 - a) English Literature to 1660: ENGL 117A, ENGL 117B, ENGL 117C, ENGL 128E, ENGL 128F, ENGL 128G, ENGL 129A, ENGL 148Q, ENGL 149, ENGL 151A, ENGL 151B, ENGL 151T, ENGL 152, ENGL 153, ENGL 154
 - b) English Literature 1660-1900: ENGL 125A, ENGL 125B, ENGL 128I, ENGL 128J, ENGL 128K, ENGL 128M, ENGL 128N, ENGL 129B, ENGL 148P, ENGL 148X, ENGL 148Y, ENGL 148Z, ENGL 161A, ENGL 161B, ENGL 161T, ENGL 166A, ENGL 166B, ENGL 166T, ENGL 172A, ENGL 172B, ENGL 172T

c) American Literature to 1900: ENGL 126A, ENGL 127A, ENGL 128O, ENGL 128Q, ENGL 130, ENGL 131, ENGL 132, ENGL 148G, ENGL 148W

d) Literature after 1900: ENGL 125C, ENGL 126B, ENGL 127B, ENGL 128R, ENGL 128S, ENGL 128T, ENGL 128U, ENGL 128V, ENGL 129C, ENGL 133, ENGL 134, ENGL 135, ENGL 148E, ENGL 148M, ENGL 148R, ENGL 148S, ENGL 176A, ENGL 176B, ENGL 176C, ENGL 176T

4. One 4-unit course on literature and ethnicity, literature and gender, or literature and sexuality chosen from ENGL 121 (E-Z), ENGL 122 (E-Z)/LGBS 122 (E-Z), ENGL 123A, ENGL 123B, ENGL 124A, ENGL 124B, ENGL 136, ENGL 136T, ENGL 137T, ENGL 138A, ENGL 138B, ENGL 138T, ENGL 139, ENGL 139T, ENGL 143 (E-Z), ENGL 144 (E-Z)
5. One 4-unit course on literature and related fields, including theory, or a literary theme or genre chosen from ENGL 033, ENGL 100 (E-Z), ENGL 101, ENGL 104, ENGL 140 (E-Z), ENGL 141 (E-Z), ENGL 142 (E-Z), ENGL 143E/MCS 143E, ENGL 145 (E-Z), ENGL 146 (E-Z)
6. Five additional upper-division English courses (20 units). Only 4 units from ENGL 103 or any upper-division Creative Writing course will be accepted toward the fulfillment of this requirement. Four units of ENGL 190 may be counted toward this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the 20 units, a copy of an approved petition will be placed in the student's file.

Total units in major: 63 units, of which at least 15 units and no more than 20 units must be at the lower-division level.

Students are encouraged to take at least one of the following as a college breadth requirement or as an elective: CLA 027A, CLA 027B, CLA 040; CPLT 017A, CPLT 017B, CPLT 017C; ETST 114, ETST 120, ETST 124, ETST 138, ETST 170/WRLT 170, ETST 183; or any literature course in a language other than English.

Students are also encouraged to take a course in British or American history, such as HIST 017A, HIST 017B, HISE 150, HISE 151, HISE 152.

Each student is assigned a faculty advisor for help in shaping a program and following it through to graduation. Students must see their advisors on a regular basis, normally once per quarter prior to registration. Information about advisors is available in the department office from the undergraduate student affairs officer.

English Undergraduate Honors Program

The English Department awards departmental honors to those who complete the following requirements:

1. Maintain a GPA of 3.5 or higher in the English major.
2. Complete 14 additional units of upper-division courses in English.
3. Complete English 193A "Senior Seminar" (the units of which may be used toward the additional upper-division unit requirement)
4. Complete English 193B "Senior Research," by submitting a Senior Paper as the result of research begun in 193A "Senior Seminar."
5. Successfully present their Senior Paper in an undergraduate Honors Research colloquium or conference sponsored by the English Department.

Students may request to participate in the honors track or they may be invited. Students must declare their intention to participate by the end of the fourth quarter prior to graduation.

Minor

The English minor is designed to provide an overview of English and American literature, an opportunity for the exercise of disciplined literary analysis, and a varied experience of the best literature in English.

1. Lower-division requirements (14 units)
 - a) Two courses chosen from ENGL 020A, ENGL 020B, ENGL 020C
 - b) One course chosen from ENGL 012A, ENGL 012B, ENGL 012C, ENGL 012 (E-Z), ENGL 014, ENGL 015, ENGL 017, ENGL 018, ENGL 022, ENGL 033/MCS 033
2. Upper-division requirements (16 units)
 - a) Four courses of upper-division English. Only four (4) units from ENGL 103 or ENGL 190 will be accepted toward fulfillment of this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the 16 units, a copy of the approved petition will be placed in the student's file.

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for additional information on minors.

University of California Entry Level Writing Requirement

For regulations governing the University of California Entry Level Writing Requirement, see Requirements for the Bachelor's Degree in the Undergraduate Studies section of this catalog. Students who have fulfilled the requirement may enroll in ENGL 001A. Students who are held for the requirement must take the

256 / Programs and Courses

University of California Analytical Writing Placement Exam. Results determine which course(s) a student should take to satisfy university requirements. Visit english.ucr.edu/elwr for more information.

Teaching Credential Preparation Programs

Students interested in becoming teachers at the elementary or secondary school level may combine the English major with a program of study leading to the multiple subjects (elementary) or single subject (secondary) credential preparation program. Details and counseling on the Prepare to Teach Program, a preparation program for the multiple subjects credential, are available in the Office of Interdisciplinary Programs, 2417 Humanities and Social Sciences, (951) 827-2743. Details and counseling on other programs are available in the Department of English or the Graduate School of Education.

Education Abroad Program

The EAP is an excellent opportunity to travel and learn more about another country and its culture while taking courses to earn units toward graduation. Students should plan study abroad well in advance to ensure that the courses taken fit with their overall program at UCR. Consult the departmental student affairs officer for assistance. For further details visit UCR's International Education Center at internationalcenter.ucr.edu or call (951) 827-4113.

See Education Abroad Program under International Education Center in the Student Services section of this catalog. A list of participating countries is found under Education Abroad Program in the Programs and Courses section. Search for programs by specific areas at eap.ucop.edu/programwizard.

Graduate Program

The Department of English offers the Ph.D. and M.A. degrees in English.

Admission All domestic and international applicants must supply GRE General Test scores (quantitative and verbal) earned within the past five years.

Doctoral Degree

The Department of English offers the Ph.D. degree in English.

The doctoral program in English prepares students to become informed teachers and scholar-critics capable of significant original literary scholarship.

Admission Admission is open to qualified candidates with a B.A. or M.A. degree, preferably in English. Students with an M.A. in another field will normally be required to take additional course work.

Course Work The candidate entering the program without an M.A. must complete (with a grade of "B" or better) a minimum of 66 units of course

work. Prior to taking Qualifier I, students must meet the course work requirement of the M.A. Degree (42 units). Upon successfully passing Qualifier Examination I, students must complete at least an additional six seminars (24 units) in 200-level course work, excluding ENGL 280, ENGL 291, ENGL 292, and ENGL 299. The candidate with an M.A. from another institution must complete a minimum of 36 units of course work in 200-level courses, excluding ENGL 280, ENGL 291, ENGL 292, and ENGL 299. All students, in consultation with the graduate advisor, select primary and secondary fields of study and identify a third, more specialized area related to a dissertation topic. Once course work requirements are satisfied, all students take the Qualifier Examination II and complete a dissertation.

Language Requirement Students entering with a B.A. must demonstrate proficiency in two languages other than English before advancement to candidacy. Students entering with an M.A. from institutions that required proficiency in a language other than English for the master's degree must demonstrate proficiency in a second language before advancement to candidacy. In lieu of a second language, students from both groups may complete one of three alternatives involving the first language or a related field approved by the Graduate Committee. For details consult the graduate advisor or english.ucr.edu.

Students entering with an M.A. from institutions that did not require proficiency in a language other than English for the master's degree must demonstrate proficiency in one language other than English. Alternatives described above are not available to these students.

Qualifying Examinations I and II At the end of the sixth quarter, students who have entered the program with a B.A. become eligible to receive an M.A. upon completion of the Qualifying Examination I. For this examination, students submit a portfolio of three essays, one of which has been revised according to the terms of ENGL 296, and a 1000- to 1500-word metacommentary explaining the aims and achievements of the essays and their contributions to a coherent research agenda. The student is then examined orally for one hour on the portfolio and two distinct fields related to at least two of the three essays. Following successful completion of this examination and a review of the entire student file, the graduate committee recommends the awarding of the M.A. degree. (The Qualifying Examination I is waived for students with an M.A. from another institution.) After the completion of all course work, students take the Qualifying Examination II to be advanced to candidacy.

The Qualifying Examination II includes three written examinations, followed by an oral examination of up to three hours, and is designed to prepare the student for work on the dissertation. The oral examination includes a short presentation by the student, which focuses on the written exam just taken and on the student's plan for the dissertation.

Dissertation The dissertation should be related to the individualized course of study preceding it and should draw out the best research and critical talents of the candidate.

For a more detailed description of the requirements for the Ph.D., contact the Graduate Assistant, Department of English.

Normative Time to Degree including UCR M.A. Work 18 quarters (or 15 quarters for students with an M.A. from another institution)

Master's Degree

The Department of English also offers a terminal M.A. program for a small number of students who have the M.A. as their degree objective.

Admission Admission is open to qualified candidates with a B.A. degree in English or a closely related field of study.

Course Work Each student's specific program is individually structured in consultation with the graduate advisor. The candidate must complete (with a grade of "B" or better) a minimum of 42 units of course work, including ENGL 200 (Introduction to Graduate Study in English), ENGL 296 (Master's Portfolio), and at least 36 units in other 200-series courses, excluding ENGL 280, ENGL 291, ENGL 292, and ENGL 299. Eight (8) units of 100-series courses (excluding ENGL 103 and ENGL 190) may be counted toward the 42-unit requirement with the permission of the graduate advisor.

Language Requirement Students must demonstrate proficiency in one language other than English.

M.A. Examination In the sixth quarter of the program, the student completes the Qualifying Examination I as described in the Ph.D. program above. Following successful completion of this examination and a review of the entire student file, the graduate committee recommends awarding the M.A. degree. (Students in the terminal M.A. program who wish to change their degree objective to the Ph.D. must notify the graduate advisor before the end of their fifth quarter to request that consideration for the Ph.D. program be a part of the M.A. examination process. The graduate committee then reviews the results of the M.A. examination and the entire student file to determine whether the student may continue into the Ph.D. program. For details, contact the Graduate Assistant, Department of English.

Normative Time to Degree 6 quarters

Basic Writing

Lower-Division Courses

BSWT 003. Basic Writing for Second-Language

Students (5) Lecture, 3 hours; workshop, 2 hours. Prerequisite(s): an appropriate score on the University of California Analytical Writing Placement Exam; concurrent enrollment in BSWT 003D or BSWT 003L. An introductory course designed for students who need instruction in English as a second language. Helps to develop writing proficiency by means of regular written assignments and intensive individual interaction between student and instructor. Students who pass the course with a grade of "S" should enroll in ENGL 004. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Graded Satisfactory (S) or No Credit (NC).

BSWT 003D. Basic Writing for Second-Language

Students (1) Discussion, 1 hour. Prerequisite(s): concurrent enrollment in BSWT 003. Focuses on reading literature with close attention to grammar and style, organizing essays, honing syntax, and asking and answering academic questions. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Graded Satisfactory (S) or No Credit (NC).

BSWT 003L. Basic Writing for Second-Language

Students (1) Laboratory, 3 hours. Prerequisite(s): concurrent enrollment in BSWT 003. Focuses on mastery of principles and applications of English grammar and idiomatic expression, as well as critical reading, which are pertinent to second-language students. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 3 units.

English

Lower-Division Courses

ENGL 001A. Beginning Composition (4) F, W, S Lecture, 3 hours; extra writing and rewriting, 3 hours.

Prerequisite(s): fulfillment of the University of California Entry Level Writing Requirement. Introduces students to the strategies of personal writing in a multicultural context. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.* Credit is awarded for only one of ENGL 001A or ENGL 01PA.

ENGL 001B. Intermediate Composition (4) Lecture, 3 hours; extra writing and rewriting, 3 hours.

Prerequisite(s): ENGL 001A with a grade of "C" or better or ENGL 01PA with a grade of "C" or better. Emphasizes the transition from personal to public writing in a multicultural context. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.*

ENGL 001C. Applied Intermediate Composition (4)

Lecture, 3 hours; extra writing and rewriting, 3 hours. Prerequisite(s): ENGL 001B. Addresses the function of writing in a range of contemporary situations, including that of the academy, from a critical and theoretical perspective. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.* Credit is awarded for only one of ENGL 001C, ENGL 01HC, or ENGL 01SC.

ENGL 01HC. Honors Applied Intermediate

Composition (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): ENGL 001B or equivalent; admission to the University Honors Program or consent of instructor. Honors course corresponding to ENGL 001C and ENGL 01SC. A course in extended expository prose with emphasis on principles of explanation, interpretation, and argument. Special attention is paid to the theoretical implications of various modes of academic inquiry. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.* Satisfactory (S) or No Credit (NC) grading is not available. Credit is awarded for only one of ENGL 001C, ENGL 01HC, or ENGL 01SC.

ENGL 01PA. Beginning Composition: Intensive (4) F, W, S

Lecture, 3 hours; tutorial, .5 hours; extra writing and rewriting, 3 hours. Prerequisite(s): an appropriate score on the University of California Analytical Writing Placement Exam; consent of the Director of the University Writing Program; concurrent enrollment in ENGL 005L. Introduces students to the strategies of personal writing in a multicultural context. Students who pass the course with a grade of "C" or better have completed the University of California Entry Level Writing Requirement and are eligible to enroll in ENGL 001B. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.* Credit is awarded for only one of ENGL 001A or ENGL 01PA.

ENGL 01SC. Applied Intermediate Composition for

Science and Engineering Majors (4) Lecture, 3 hours; extra writing and rewriting, 3 hours. Prerequisite(s): ENGL 001B. A course for science and engineering majors corresponding to ENGL 001C and ENGL 01HC. Helps students build the writing skills most relevant to their future work in science or engineering fields. *Students must be formally enrolled prior to the beginning of instruction and must attend the first day to avoid being dropped from the class.* Credit is awarded for only one of ENGL 001C, ENGL 01HC, or ENGL 01SC.

ENGL 002. English Study Group (0) Lecture, 4 hours.

Prerequisite(s): concurrent enrollment in the Summer Bridge Program, ENGL 004, and ENGL 004D. Provides an intensive review of grammar, training in critical reading of college-level texts, and practice in speed-reading. Carries workload credit equivalent to 1 unit but does not count towards graduation units. Offered in summer only. Graded Satisfactory (S) or No Credit (NC).

ENGL 004. English Writing (4) F, W, S, Summer

Lecture, 3 hours; extra reading and writing, 3 hours. Prerequisite(s): an appropriate score on the University of California Analytical Writing Placement Exam or a grade of "S" in BSWT 003; concurrent enrollment in ENGL 004D or ENGL 004L. Covers ground rules of academic inquiry and exchange in English writing. Students who pass the course with a grade of "C" or better have completed the University of California Entry Level Writing Requirement and are eligible to enroll in ENGL 001A. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Satisfactory (S) or No Credit (NC) grading is not available.

ENGL 004D. English Writing (1) Discussion, 1 hour.

Prerequisite(s): concurrent enrollment in ENGL 004. Focuses on critical reading of assigned texts, organizing essays, honing syntax, and asking and answering academic questions. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Graded Satisfactory (S) or No Credit (NC).

ENGL 004L. English Writing (1) Laboratory, 3 hours.

Prerequisite(s): concurrent enrollment in ENGL 004. Focuses on mastery of principles and applications of English grammar and idiomatic expression, as well as critical reading, for students who do not need, or have advanced beyond, second-language instruction. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 3 units.

ENGL 005. Ideas in Conflict (4) Lecture, 3 hours; extra

writing and rewriting, 5 hours. Prerequisite(s): an appropriate score on the University of California Analytical Writing Placement Exam; concurrent enrollment in ENGL 005D or ENGL 005L. Examines elements of academic argument in the context of major, conflicting texts. Particular attention is given to identifying, analyzing, and framing debatable questions and issues; finding and developing appropriate, persuasive arguments; and tapping the syntactic resources of standard English. Includes extensive readings and numerous writing assignments along with formal oral presentations. Students who pass the course with a grade of "C" or better have completed the University of California Entry Level Writing Requirement and are eligible to enroll in ENGL 001A. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Satisfactory (S) or No Credit (NC) grading is not available.

ENGL 005D. Ideas in Conflict (1) Discussion, 1 hour.

Prerequisite(s): concurrent enrollment in ENGL 005. Focuses on reading assigned texts with close attention to grammar and style, organizing essays, honing syntax, and asking and answering academic questions. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Graded Satisfactory (S) or No Credit (NC).

ENGL 005L. English Writing (1) Laboratory, 3 hours.

Prerequisite(s): concurrent enrollment in ENGL 005. Focuses on advanced mastery of principles and applications of English grammar and idiomatic expression, as well as critical reading. Graded Satisfactory (S) or No Credit (NC). Course is repeatable to a maximum of 3 units.

ENGL 006D. Qualifier Course Adjunct (1 or 2)

Discussion, 1-2 hours. Prerequisite(s): concurrent enrollment in a qualifier course. Provides individual and group instruction in support of writing-intensive courses designated as qualifier courses. Focuses on interpreting the qualifier course's assignments; developing topics; preparing, editing, and revising drafts. Qualifier courses are offered by various departments to give eligible students an opportunity to meet the University of California Entry Level Writing Requirement while earning baccalaureate credit. Students may obtain information about qualifier courses by contacting the Writing Resource Center. *Students should be formally enrolled prior to the beginning of instruction and should attend the first meeting to avoid being dropped from the class.* Graded Satisfactory (S) or No Credit (NC).

ENGL 012 (E-Z). Introduction to Literature (4) Lecture,

3 hours; assignment of the remaining hours varies from segment to segment. A study of topics, themes, or types of literature. The texts may be selected from any one, or from a combination, of several periods of English and/or American literature. Intended primarily for nonmajors.

ENGL 012A. Introduction to Poetry (4) Lecture, 3

hours; extra reading, 3 hours. An introductory study of poems selected from various periods, including the modern. Special attention is paid to themes, forms, and kinds. Intended primarily for non-English majors.

258 / Programs and Courses

ENGL 012B. Introduction to Fiction (4) Lecture, 3 hours; extra reading, 3 hours. An introductory study of novels and short stories selected from various periods, including the modern. Special attention is paid to themes, forms, and kinds. Intended primarily for non-English majors.

ENGL 012C. Introduction to Drama (4) Lecture, 3 hours; extra reading, 3 hours. An introductory study of plays selected from various periods, including the modern. Special attention is paid to themes, forms, kinds, and relationships of text to theatrical performance. Intended primarily for non-English majors.

ENGL 012D. Great American Speeches (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): none. Involves close reading, analysis, imitation, and critique of prominent speeches from the American Revolution to the present.

ENGL 014. Major American Writers (4) Lecture, 3 hours; extra reading, 3 hours. Explores masterpieces of American literature. Focuses on classic and contemporary works by such writers as Hawthorne, Thoreau, Emily Dickinson, Twain, Hemingway, F. Scott Fitzgerald, Ralph Ellison, and Joyce Carol Oates. Intended primarily for nonmajors.

ENGL 015. Modern Literature (4) Lecture, 3 hours; extra reading, 3 hours. An introductory course designed primarily for nonmajors. Focuses on an important theme or technique in modern and contemporary literature.

ENGL 017. Shakespeare (4) Lecture, 3 hours; consultation/discussion, 1 hour. This course, intended primarily for non-English majors, is designed to provide an understanding of drama as a form of literary art and to encourage a familiarity with Shakespeare's most important works. Plays from each dramatic genre (comedy, history and tragedy) will be included.

ENGL 018. Shakespeare on Film (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): none. An examination of cinematic adaptations of Shakespeare's plays, paying particular attention to issues of cinematic theory, historical adaptation, and thematic reconstruction. Credit is awarded for only one of ENGL 018 or THEA 022.

ENGL 020A. Introduction to British Literary Tradition (5) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours; written work, 2 hours. Designed for English majors. Introduces British literature from its beginnings. Explores literary forms, genres, and periods, and introduces students to the basics of literary theory and to the literary history of Britain.

ENGL 020B. Introduction to American Literary Tradition (5) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours; written work, 2 hours. Designed for English majors. Introduces American literature from its beginnings, with attention to historical and cultural contexts.

ENGL 020C. Introduction to Alternative Critical Perspectives on Literature and Culture (5) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours; written work, 2 hours. Introduces students to work associated with alternative critical traditions, including Chicano, African, African-American, and Caribbean literature, or feminist, Marxist, and postcolonial perspectives on literature and culture.

ENGL 021. Culture Clash: Studies in Latino Theatre and Film (4) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): none. An introduction to Latino theatre and film from 1965 to the present. Examines the major works of playwrights and important films and videos. Cross-listed with MCS 025 and THEA 021.

ENGL 022. Writing Red: Native American Literature (4) Lecture, 3 hours; extra reading, 3 hours. Acquaints students with a range of Native American literatures. Discusses mass-mediated images of Native Americans and how "Indianness" is constructed, contested, and embodied in poetry, film, autobiography, fiction, and photography.

ENGL 033. Introduction to Comparative Media Studies (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): none. An introduction to the study of two or more media, such as film and television or digital media. Explores various critical approaches to the media (e.g., formalism, feminism, Marxism). Focuses on the media of rhetoric, media similarities and differences, and cross-media borrowing.

Upper-Division Courses

ENGL 100 (E-Z). Scriptures, Myths, and Interpretation (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. This course focuses on issues of scriptural and mythical analysis. Possible areas covered include: the impact of scripture and myth on literatures written in English; the textual development of the Hebrew Scripture and its analogues, including the development of the King James version; major authors' uses of scripture and myth; the history of scriptural and mythological exegesis; the place of scripture and myth in current criticism and theory. Course is repeatable as topics change.

ENGL 101. Critical Theory (4) Lecture, 3 hours; consultation, 1 hour. A study of major theoretical issues in representative critical and scholarly works.

ENGL 102. Introduction to Critical Methods (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): a major in English or consent of instructor. Close analysis of formal features of several genres and an introduction to theoretical and critical approaches.

ENGL 103. Advanced Composition (4) Lecture, 3 hours; discussion/consultation, 1 hour. Prerequisite(s): ENGL 001C or the equivalent. Principles of expository prose, with intensive practice. Advanced course in composition, not remedial. May be repeated for credit up to a maximum of 12 units.

ENGL 104. Film and Media Theory (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Covers different types of film and media theory. Addresses formalist, psychoanalytic, Marxist, feminist, and other approaches to the cinema and/or other media. Cross-listed with MCS 104.

ENGL 112. History of the English Language (4) Lecture, 3 hours; consultation/discussion, 1 hour. An introductory survey of the history of English, including its Indo-European ancestry, its vocabulary and etymologies, changes in pronunciation, spelling, and grammar, development of dictionaries, and changing attitudes toward the language and usage.

ENGL 117A. Shakespeare: History (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A close analytical study of plays selected from one of Shakespeare's dramatic genres as they are designated in the First Folio.

ENGL 117B. Shakespeare: Comedy (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A close analytical study of plays selected from one of Shakespeare's dramatic genres as they are designated in the First Folio.

ENGL 117C. Shakespeare: Tragedy (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A close analytical study of plays selected from one of Shakespeare's dramatic genres as they are designated in the First Folio.

ENGL 117T. Topics in Shakespeare (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A focused study of works by Shakespeare selected from different genres.

ENGL 120A. Native American Literature to 1900 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical study of Native American literature from the era of oral narrative to 1900, with special attention to autobiography and fiction, as well as criticism and theory.

ENGL 120B. Native American Literature after 1900 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical study of Native American literature from 1900 to the present, with special attention to poetry, visual culture, fiction, and self-life-narration, as well as criticism and theory.

ENGL 120T. Studies in Native American Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A focused study of a topic, genre, period, or author in Native American literature.

Examples might include visual culture, oral narrative, collaborative autobiography, ethnography, or poetry.

ENGL 121 (E-Z). Postcolonial Literatures of Asia, Africa, and the Caribbean (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. The analysis of colonial discourse and of the postcolonial condition. The following topics, among others, may be addressed: historiography and subalternity; nationalism, gender, and sexuality; neocolonialism and transnationality; theorizing resistance; postcolonial identity politics and the discourses of tradition and modernity; the postcolonial intellectual; and postcolonial filmmaking and Third Cinema.

ENGL 122 (E-Z). Literature and Sexualities (4) Lecture, 3 hours; assignment of the remaining hours varies from segment to segment. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of English and American literature from the perspective of sexuality and sexual identity. Courses cover issues such as gay and lesbian texts and contexts; sexual ideologies and literature; marginalized writers and texts; and the uses of theories of sexualities in the study of literature. Cross-listed with LGBS 122 (E-Z).

ENGL 123A. Women and Literature: Poetry (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Study of writing by women from the medieval period to the present, examining the effects of race and class as well as gender on literary form and language, and considering questions of literary influence and transmission.

ENGL 123B. Women and Literature: Autobiography (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Study of writing by women from the medieval period to the present, examining the effects

of race and class as well as gender on literary form and language, and considering questions of literary influence and transmission.

ENGL 124A. Female Novelistic Traditions: Eighteenth and Nineteenth Centuries (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of the works of women novelists, writing at different historical moments and in different cultural milieus. Attention is given to the psychological, political, and technical features of the tradition; the connections and contrasts within it; and the problematics of female literary influence.

ENGL 124B. Female Novelistic Traditions: Twentieth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of the works of women novelists, writing at different historical moments and in different cultural milieus. Attention is given to the psychological, political, and technical features of the tradition; the connections and contrasts within it; and the problematics of female literary influence.

ENGL 125A. The Development of the English Novel: Eighteenth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British fiction, with some attention to the criticism and theory of the novel.

ENGL 125B. The Development of the English Novel: Nineteenth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British fiction, with some attention to the criticism and theory of the novel.

ENGL 125C. The Development of the English Novel: Twentieth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British fiction, with some attention to the criticism and theory of the novel.

ENGL 126A. The American Novel: Nineteenth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of American long fiction in the nineteenth century, with special attention to such modes as romance, realism, and naturalism.

ENGL 126B. The American Novel: Since 1900 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of American long fiction since 1900, with special attention to such modes as realism, modernism, and postmodernism.

ENGL 127A. American Poetry: Before 1900 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical study of American poetry, focusing on the evolutionary and revolutionary aspects of its forms and themes.

ENGL 127B. American Poetry: Twentieth Century (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical study of American poetry, focusing on the evolutionary and revolutionary aspects of its forms and themes.

ENGL 127T. Studies in American Poetry (4) Lecture, 3 hours; extra reading, 1 hour. Prerequisite(s): upper-division standing or lower-division English course

(other than composition) or consent of instructor. A focused study of a topic, motif, genre, period, or movement in American poetry. Examples might include political or regional poetry, the epic or lyric, or Beat poetry or Language poetry.

ENGL 128 (E-Z). Major Authors (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Intensive study of a major English or American author. E. Chaucer; F. Spenser; G. Milton; I. Swift; J. Austen; K. Wordsworth; M. Dickens; N. George Eliot; O. Melville; Q. Dickinson; R. Woolf; S. Joyce; T. Faulkner; U. Baldwin; V. Salman Rushdie; W. Maya Angelou; X. Toni Morrison.

ENGL 129A. English and American Drama: Elizabethan and Jacobean Drama (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British and American drama. Each segment may be taken independently of the others.

ENGL 129B. English and American Drama: Restoration and Eighteenth-Century Drama (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British and American drama. Each segment may be taken independently of the others.

ENGL 129C. English and American Drama: Modern British and American Drama (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of British and American drama. Each segment may be taken independently of the others.

ENGL 130. American Literature, 1620-1830 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Examination of writing in America of the pre-colonial, colonial, and early national periods, including the work of such writers as Anne Bradstreet, Benjamin Franklin, Susanna Rowson, and Washington Irving.

ENGL 131. American Literature, 1830 to the Civil War (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of innovation and conflict in the American Renaissance, as represented in such writers as Emerson, Hawthorne, Poe, Melville, Stowe, Thoreau, Douglass, and Whitman.

ENGL 132. American Literature from the Civil War to 1914 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. New departures in the American literary consciousness as registered in the works of such writers as Emily Dickinson, Mark Twain, Charles W. Chesnut, Kate Chopin, Henry James, Henry Adams, and Edith Wharton.

ENGL 133. American Literature, 1914-1945 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Modern perspectives and literary innovations in the work of such writers as William Faulkner, F. Scott Fitzgerald, Zora Neale Hurston, Wallace Stevens, William Carlos Williams, Gertrude Stein, and Eugene O'Neill.

ENGL 134. American Literature, 1945 to the Present (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of postmodern, contemporary,

and multicultural texts by such writers as Toni Morrison, Thomas Pynchon, Maxine Hong Kingston, Robert Lowell, Sylvia Plath, John Ashbery, and Leslie Marmon Silko.

ENGL 135. Modern Irish Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A critical study of modern Irish literature, set against the background of the political and religious conflicts of Irish history.

ENGL 136. Latina and Latino Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical survey of U.S. Latina/o literature, with particular attention to aesthetic achievements, recurrent forms and themes, and interrelations with other American literatures.

ENGL 136T. Studies in Latina and Latino Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A focused study of ideas, forms, or movements in Latina/o literature such as autobiography, growing-up narratives, popular discourses (teatro, the corrido, social movement poets), and the mainstream Latina/o literary "booms."

ENGL 137T. Studies in Comparative Minority Discourses (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. A focused study of ideas, forms, or movements within the field of minority discourse that emphasizes comparative readings. Possible topics include African American and Latino prison narratives, Asian American and Latino immigrant writing, movement literature of the 1960s and 1970s, independent publishing, "growing-up" narratives, and issues of identity, culture, and aesthetics.

ENGL 138A. African American Literature through the Harlem Renaissance (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical survey of African American literature with particular attention to the development of an African American literary tradition and the challenge posed to the traditional canon of American literature.

ENGL 138B. African American Literature since the Harlem Renaissance (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical survey of African American literature with particular attention to the development of an African American literary tradition and the challenge posed to the traditional canon of American literature.

ENGL 138T. Studies in African American Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A focused study of ideas, forms, or movements in African American literature such as autobiography, conjure, the blues tradition, the Black Aesthetic, and literary vernacular.

ENGL 139. Asian American Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical survey of Asian American literature, with particular attention to aesthetic achievements, recurrent forms and themes, and interrelations with other American literatures.

260 / Programs and Courses

ENGL 139T. Studies in Asian American Literature (4) Lecture, 3 hours; extra reading, 3 hours.

Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A focused study of a genre, motif, or topic in Asian American literature such as poetry, autobiography, women's writing, nationalism, mobility narratives, gender, and sexuality.

ENGL 140 (E-Z). Studies in Literary Genres (4) Lecture, 3 hours; assignment of the remaining hours varies from segment to segment. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Practical and theoretical study of such literary genres as the lyric, the epic, the romance, tragedy, comedy, and satire.

ENGL 141 (E-Z). Literature and Related Fields (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A critical survey of the study of literature in relation to other areas: creativity, myth, iconography, society, science, behavior, and translation.

ENGL 142 (E-Z). Cultural Studies (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. The formal, historical, and theoretical analysis of culture in its broadest sense, including popular literature, the mass media, and/or the interplay between "low" and "high" or peasant and elite cultural forms. Topics may be drawn from any historical field.

ENGL 143 (E-Z). Gender, Sexuality, and Visual Cultures (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Intensive formal, historical, and theoretical analysis of gender and sexuality in film, television, and visual culture. E. Feminist Film Theory and Practice; F. Film and Gender; G. Screening the Lesbian.

ENGL 144 (E-Z). Race, Ethnicity, and Visual Culture (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Intensive formal, historical, and theoretical analysis of race and ethnicity in film, television, and visual culture. Weekly screenings and readings. I. Racial Difference and Visual Culture in the Postcolonial World Context; J. Film, Race, and Ideology: The Case of the Vietnam War; K. Decolonizing the Screen.

ENGL 145 (E-Z). Special Topics in Film and Visual Culture (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Intensive formal, historical, and theoretical analysis of a theme or issue in film, media, television, and visual culture. E. Hollywood in the 1960s; F. Television and American Culture; G. Film as Writing and Writing as Film; I. Liberal Hollywood and Social "Problems"; J. The Horror Film.

ENGL 146 (E-Z). Special Topics in Technoculture and Digital Media (4) Lecture, 3 hours; screening, 3 hours. Prerequisite(s): upper-division standing or consent of instructor. Advanced study of theories and practices of reader and audience interaction with technologies of cultural production in general and digital media in particular. Includes praxis-oriented composition or research. E. Identities and Interactions; F. Cultures and Technologies of the Visual; G. Cultures and Technologies of the Aural; I. Advanced Composition and Rhetoric for Digital Media Authors.

ENGL 147 (E-Z). Studies in a Major Work (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor.

Concentrated study of a single major work from the English or American literary tradition, affording an opportunity for thorough explication of the work, exploration of historical backgrounds, and relevant critical approaches.

ENGL 148 (E-Z). Studies in Major Authors (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or at least one lower-division English course (other than composition) or consent of instructor. Intensive study of a major author not covered under ENGL 128 (E-Z). Some segments of this course may consider two authors with related concerns.

ENGL 149. Old English Literature (4) Lecture, 3 hours; outside reading, 3 hours. English literature of the Anglo-Saxon period: such works as *Beowulf*, "The Seafarer," and "The Wanderer."

ENGL 151A. Middle English Literature: 1066-1500 (4) Lecture, 3 hours; outside reading, 3 hours. An introduction to major literary genres—romance, dream vision, lyric, devotional prose, and drama.

ENGL 151B. Middle English Literature: Later Fourteenth Century (4) Lecture, 3 hours; outside reading, 3 hours. Covers the great works of the later fourteenth century—Chaucer's *Troilus*, *Piers Plowman*, and the poems of the *Gawain* poet.

ENGL 151T. Studies in Medieval Literature (4) Lecture, 3 hours; consultation or discussion, 1 hour. English literature of the Middle Ages, with attention (where pertinent) to its continental backgrounds (the latter read in translation). Detailed examination of major literary works chosen to illuminate such topics as Christian theology, monasticism, chivalry, and courtly love.

ENGL 152. Renaissance Revolutions (4) Lecture, 3 hours; outside reading, 3 hours. Studies in some of the major ideas and movements of the English Renaissance (1500-1600), such as Christian humanism, neo-Platonism, syncretism, puritanism, rational theology, science, republicanism, centering on such figures as More, Elyot, Castiglione, Ascham, Sidney, Jonson, Bacon, Hobbes, and Milton.

ENGL 153. Studies in Early Renaissance Literature (4) Lecture, 3 hours; extra reading, 3 hours. Studies in some of the major literary works of the period (excluding *The Faerie Queene*). Topics may center on comparisons with other art forms, on genres like the lyric, the pastoral, the romance, etc., or on ideas or topics of importance as they are reflected in the literary forms of the period.

ENGL 154. Studies in Late Renaissance Literature (4) Lecture, 3 hours; extra reading, 3 hours. Studies of some of the major literary figures of the period (excluding Milton). Topics may center on major late English renaissance ideas or themes such as the political, philosophical, or religious questions, or on other ideas or topics of importance, as they are reflected in the literary forms of the period (metaphysical or Cavalier poetry, the character, etc.).

ENGL 161A. Restoration and Eighteenth-Century English Literature: 1600-1730 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Emphasizes drama (Wycherley, Congreve, Behn, etc.) and satire (Dryden, Rochester, Pope, Gay, Swift).

ENGL 161B. Restoration and Eighteenth-Century English Literature: 1730-1790 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Emphasizes the emerging English novel (Defoe, Richardson, Fielding,

Smollett, Sterne, Burney), mid-century poetry (Thomson, Gray, Goldsmith), and the Age of Johnson (including Boswell, Wollstonecraft, Burke).

ENGL 161T. Studies in Eighteenth-Century Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of the relation of Restoration and eighteenth-century literature to its social and intellectual contexts: the rise of the bourgeoisie, the growth of British imperialism, the Industrial Revolution, the triumph of Newtonian science, philosophical empiricism, classicism, primitivism, antiquarianism, etc.

ENGL 166A. Literature of the Romantic Period (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Covers writers such as Barbauld, Blake, Coleridge, Helen Williams, Wollstonecraft, and Wordsworth.

ENGL 166B. Literature of the Romantic Period (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Covers writers such as Byron, Hazlitt, Keats, Scott, Mary Shelley, and Percy Shelley.

ENGL 166T. Studies in English Romanticism (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of the relationship between the literature of the period and intellectual interests such as antiquarianism, primitivism, perfectibility, transcendentalism, and organicism.

ENGL 172A. Literature of the Early Victorian Period (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Covers Tennyson, Browning, Carlyle, Mill, and Newman.

ENGL 172B. Literature of the Late Victorian Period (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Covers Arnold, Ruskin, Swinburne, Pater, and Hopkins; the Pre-Raphaelites, the Aesthetic Movement, and Decadence.

ENGL 172T. Studies in Victorian Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. A study of such ideas and movements as Romanticism, Utilitarianism, the Search for Standards, Evolution, Aestheticism, the New Naturalism, and Utopian theories, organized by areas or themes, as these ideas are reflected in the literature of the age.

ENGL 176A. Twentieth-Century British and American Literature: 1900 to Late 1920s (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Study of representative literary works: fiction, non-fiction, poetry, and drama.

ENGL 176B. Twentieth-Century British and American Literature: 1920s to 1950 (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Study of representative literary works: fiction, non-fiction, poetry, and drama.

ENGL 176C. Twentieth-Century British and American Literature: 1950 to Present (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Study of representative literary works: fiction, non-fiction, poetry, and drama.

ENGL 176T. Studies in Twentieth-Century British and American Literature (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. An examination of significant twentieth-century authors and texts in their aesthetic, intellectual, political, and cultural contexts.

ENGL 179T. Studies in Science Fiction (4) Lecture, 3 hours; extra reading, 3 hours. Prerequisite(s): upper-division standing or lower-division English course (other than composition) or consent of instructor. Focuses on a specific theme, subgenre, period, movement, or major author within the field of science fiction. Explores topics such as science fiction and social identities, cyberpunk, and H.G. Wells and the scientific romance.

ENGL 190. Special Studies (1-5) To be taken with the consent of the Chair of the department as a means of meeting special curricular problems.

ENGL 193A. Senior Seminar (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): senior standing or consent of instructor. Advanced undergraduate study of a specific topic proposed by instructor.

ENGL 193B. Senior Seminar (2) Seminar, 1 hour; outside research, 2 hours; term paper, 2 hours. Prerequisite(s): ENGL 193A; senior standing with a major in English. Advanced research and revision methods of continuing and expanding research begun in ENGL 193A.

Graduate Courses

ENGL 200. Introduction to Graduate Study in English (4) Lecture, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. A team-taught introduction to a range of critical and theoretical issues of concern to entering graduate students, including canon formation, field organization, critical and theoretical assumptions behind the establishment of various fields, and the uses of theory.

ENGL 260. Seminar in Medieval Literature (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive research in medieval literature. May focus on major authors, including Chaucer, Langland, or the *Gawain* - poet; genres, including romance, prose, or the drama; thematic topics, including gender, literacy, or subjectivity; or methodology, including textual study, historicism, or literary theory. Course is repeatable as content changes.

ENGL 262. Seminar in Renaissance Literature (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Studies in Renaissance literature and its literary, cultural, or historical contexts. Intensive readings in a major author, historical subperiod, or special topic. Includes critical and theoretical approaches important to the field. Course is repeatable as content changes.

ENGL 264. Seminar in Restoration and Eighteenth-Century Literature (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive research in particular

areas of Restoration and eighteenth-century literature and society such as the "rise" of the novel; women writers and readers; interactions of "high" and "low" cultures; ideologies of gender and sexuality; capitalism, colonialism, and literature; autobiographical and historical representations of self and others. Course is repeatable as content changes.

ENGL 265. Seminar in Romantic Literature (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Research in late eighteenth- and early nineteenth-century literature and its legacy in modern critical configurations of romanticism. Course is repeatable as content changes.

ENGL 267. Seminar in Victorian Literature (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Concentrated research and discussion of topics, issues, and figures in Victorian literature and culture. Rubrics may include, but are not limited to, theoretical approaches to Victorian studies; questions of race, class, gender, and sexuality in Victorian culture; problems of aesthetics and genre; the politics of Empire; as well as author or text focused offerings. Course is repeatable as content changes.

ENGL 268. Seminar in British Literature since 1900 (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive analysis of figures, genres, movements, and issues in twentieth-century British literature and culture. May include topics such as Bloomsbury and the Politics of art; Joyce and Empire; Modernism, Modernity, and Gay Identities; British Postmodernism; Virginia Woolf and Feminist Theory. Course is repeatable as content changes.

ENGL 269. Seminar in American Literature to 1900 (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive research in American literature and culture to 1900. Topics may include nineteenth-century novel; slavery and narrative; gender and colonial literary culture; Whitman and Dickinson; or other historical, gender-centered or theoretical issues. Course is repeatable as content changes.

ENGL 270. Seminar in American Literature since 1900 (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Study of representative literary texts and of current theories about the field. May focus on such topics as Modernism, Postmodernism, regionalism, alternative canons, interrelations among texts, and connections between texts and cultures. Course is repeatable as content changes.

ENGL 272. Seminar in Critical Theory (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Studies in theoretical movements. May emphasize historical or thematic relations among various theoreticians. Course is repeatable as content changes.

ENGL 273. Seminar in Cultural Studies (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive formal, historical, and theoretical research into the history and theory of culture in its broadest sense: popular literature, the mass media, and the interplay between peasant and elite or "low" and "high" cultural forms. Course is repeatable as content changes.

ENGL 274. Seminar in Feminist Discourses (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Focuses on theories and histories of gender and sexuality and analyzes the effects, in literary and other discourses, of foregrounding these categories.

May involve special emphasis on "women" as writers and theorists and/or on feminist issues. Course is repeatable as content changes.

ENGL 275. Seminar in Film and Visual Cultures (4) Seminar, 3 hours; screening, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Analysis of film, television, and other forms of visually-oriented textuality. Approaches may include cultural criticism; media theory; structural and poststructural analysis; feminist, gender, gay and lesbian theory; semiotics. Course is repeatable as content changes.

ENGL 276. Seminar in Colonialism and Postcoloniality (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. An introduction to the analysis of colonial discourse and the postcolonial condition. Issues addressed include, among others, historiography and subalternity; nationalism, gender, and sexuality; neo-colonialism and transnationality; theorizing resistance; mimicry in colonial discourse; the academy, pedagogy, and the postcolonial intellectual. Course is repeatable as content changes.

ENGL 277. Seminar in Sexualities and Genders (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Examines representations in a variety of literary, media, and critical genres by or of lesbians, gay men, transgenders, and others marginalized because of their sexuality or gender expression. Topics may include the history of sexuality, camp, posthuman genders and sexualities, queer theory, and lesbian and gay literature and film. Course is repeatable as content changes.

ENGL 278. Seminar in Minority Discourse (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive study and research in cultural traditions formerly excluded from literary history, such as African American, Asian American, Chicano, and Native American. Cross-cultural studies in the representations of such marginalized groups. Topics may include the African American novel; border culture; nineteenth-century Black bodies; oral history and literature. Course is repeatable as content changes.

ENGL 279. Seminar in Rhetorical Studies (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive research and study in rhetoric or composition theory. Topics may include the rhetorical dimensions of literature, literary theory, and civic discourse; the ethics or history of rhetoric; competing conceptions of the writing process; and the relations between rhetorical, literary, and cultural criticisms. Course is repeatable as content changes.

ENGL 280. Colloquium in English and American Literature (2) Seminar, 2 hours. Prerequisite(s): graduate standing. Colloquia of both a formal and informal order on current research topics for students, faculty, and visiting scholars. Graded Satisfactory (S) or No Credit (NC). May be repeated for credit.

ENGL 281. Seminar in Comparative Studies (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Intensive study of two or more ostensibly distinct fields, periods, disciplines, or arts. Course is repeatable as content changes.

ENGL 282. Seminar in Bibliography and Textual Criticism (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Advanced research in the history of the book and textual production, including such topics as

262 / Programs and Courses

analytical bibliography, editorial theory and practice, and the economics of textual dissemination. Course is repeatable as content changes.

ENGL 289. Seminar in Genres (4) Seminar, 3 hours; outside research, 3 hours. Prerequisite(s): graduate standing or consent of instructor. Examines individual literary genres (poetry, the novel, drama, etc.) and subgenres (epic, romance, lyric, comedy, etc.) in terms of current or historical genre theories. Course is repeatable as content changes.

ENGL 290. Directed Studies (1-4) Consultation, 1-3 hours; individual study, 12 hours. Prerequisite(s): consent of instructor and graduate advisor. Advanced research study culminating in written work. Course is repeatable.

ENGL 291. Individual Study in Coordinated Areas (1-12) outside research, variable. A program of study designed to advise and assist candidates who are preparing for examinations. Repeatable under the following rules: (1) a student may take up to 12 units prior to the award of the M.A.; (2) a student may take up to 24 additional units after award of the M.A. but prior to successful completion of the Ph.D. qualifying examination. Graded Satisfactory (S) or No Credit (NC). May be repeated for credit.

ENGL 292. Concurrent Analytical Studies (1-4) Prerequisite(s): instructor approval, or approval of instructor in the field under whom the work will be carried out. Each 292 course will be taken concurrently with some 100 series course but on an individual basis. It will be devoted to research, criticism, and written work of a graduate order commensurate in amount with the number of units elected. ENGL 101 and ENGL 103 may not be used for this arrangement. Graded Satisfactory (S) or No Credit (NC). May be repeated for credit.

ENGL 296. Master's Portfolio (2) Outside research, 6 hours; consultation, 2-3 hours. Prerequisite(s): completion of five quarters of master's study in English; consent of the Graduate Advisor. Students revise, extend, and develop essays written during their master's program in preparation for the master's portfolio examination. Graded Satisfactory (S) or No Credit (NC).

ENGL 299. Research for Thesis or Dissertation (1-12) Thesis, 3-36 hours. Prerequisite(s): satisfactory completion of the Ph.D. qualifying examination; consent of instructor. Research, under the direction of a faculty member, for preparation of the thesis or dissertation. Graded Satisfactory (S) or No Credit (NC). Course is repeatable; students may enroll in a maximum of 12 units per quarter.

Professional Courses

ENGL 301. Introduction to the Teaching of English (1) individual and group conferences, 1 hour. Prerequisite(s): graduate standing. A flexible program of meetings and workshops specifically devoted to orienting apprentices and transfer TAs to the writing program at UC Riverside. Concentrates on the problem of organizing and teaching ENGL 001A, ENGL 001B, and ENGL 001C or its equivalent. Required of all apprentices and transfer TAs. Students must enroll concurrently in ENGL 302. Graded Satisfactory (S) or No Credit (NC). May be repeated for credit for a maximum of 2 units.

ENGL 302. Teaching Practicum (1-4) Seminar, 1-4 hours. Prerequisite(s): graduate standing. A flexible program of meetings and conferences on the problems and techniques of writing instruction most pertinent to Basic Writing or to ENGL 001. Required of all TAs for at least five quarters, after which the TA may, with

the permission of the Director of ENGL 001, elect to take ENGL 304 instead. Open to all graduate students. Graded Satisfactory (S) or No Credit (NC). May be repeated for credit.

ENGL 303. Advanced Teaching Practicum (1-2) Discussion, 1 hour; practicum, 1-2 hours. Prerequisite(s): graduate standing or consent of instructor. A flexible program of meetings and conferences on the problems and techniques of teaching literature, cultural studies, film studies, and related courses. Graded Satisfactory (S) or No Credit (NC). Course is repeatable as content changes.

ENGL 304. Professional Research Preparations (4) Seminar, 3 hours; outside research, 3 hours; consultation, 5 hours per quarter. Prerequisite(s): consent of instructor. Covers the procedures, preparation, and presentation of oral and written research materials, including prospectus, with individual direction from instructor. Graded Satisfactory (S) or No Credit (NC).

ENGL 380. The Teaching of Written Composition (4) Summer Seminar, 8 hours. Prerequisite(s): consent of instructor; participation in the Inland Area Writing Project Summer Workshop. A study of research and practice in the teaching of written composition in the elementary and secondary schools. Offered in summer only. Students may receive either a letter grade or Satisfactory (S) or No Credit (NC) grade. See instructor for grading basis; no petition is required.

ENGL 381. Preparing to Teach Teachers (1-4) Summer Seminar, 2-8 hours. Prerequisite(s): consent of instructor; concurrent enrollment in ENGL 380. Participation in the Inland Area Writing Project Summer Workshop. Preparation and presentation of inquiry projects. Emphasis on inquiry into pedagogical assumptions and the way they contribute to expert teaching practices. Offered in summer only. Students may receive either a letter grade or Satisfactory (S) or No Credit (NC) grade. See instructor for grading basis; no petition is required.

Entomology

Subject abbreviation: ENTM
College of Natural and Agricultural Sciences

Richard A. Redak, Ph.D., Chair
William E. Walton, Ph.D., Vice Chair
Department Office, 175 Entomology
insects.ucr.edu

Graduate Student Affairs
(800) 735-0717 or (951) 827-4116
insects.ucr.edu/programs/graduate.html

Undergraduate Faculty Advisor
(951) 827-4562
insects.ucr.edu/programs/undergraduate.html

Professors

Michael E. Adams, Ph.D. (Entomology/Cell Biology and Neuroscience)
Peter W. Atkinson, Ph.D.
Nancy E. Beckage, Ph.D. (Entomology/Cell Biology and Neuroscience)
Thomas S. Bellows, Jr., Ph.D.
Ring T. Cardé, Ph.D. *Alfred M. Boyce Chair in Entomology*
Brian A. Federici, Ph.D.
J. Daniel Hare, Ph.D.
John M. Heraty, Ph.D.
Robert F. Luck, Ph.D.
Jocelyn G. Millar, Ph.D.
Thomas A. Miller, Ph.D.

Joseph G. Morse, Ph.D.
Bradley A. Mullens, Ph.D.
Timothy D. Paine, Ph.D.
Thomas M. Perring, Ph.D.
Alexander Raikhel, Ph.D.
Richard A. Redak, Ph.D.
Michael K. Rust, Ph.D.
Richard Stouthamer, Ph.D.
S. Nelson Thompson, Ph.D.
John T. Trumble, Ph.D.
William E. Walton, Ph.D.

Professors Emeriti

Leland R. Brown, Ph.D.
Richard D. Goeden, Ph.D.
E. Fred Legner, Ph.D.
James A. McMurtry, Ph.D.
Mir S. Mulla, Ph.D.
Earl R. Oatman, Ph.D.
John D. Pinto, Ph.D.

Associate Professors

P. Kirk Visscher, Ph.D.
Gregory P. Walker, Ph.D.

Assistant Professors

Anandasankar Ray, Ph.D.
Joao Pedra, Ph.D.
Weirauch, Christiane, Ph.D.

**

Lecturers

Elizabeth Grafton-Cardwell, Ph.D.
Pest Management
Matthew Daugherty, Ph.D., *Integrative Biology*
Alec Gerry, Ph.D. *Veterinary Entomology*
Mark Hoddle, Ph.D. *Biological Control*
Marshall W. Johnson, Ph.D. *Pest Management*
John H. Klotz, Ph.D. *Urban Entomology*
Robert Krieger, Ph.D. *Toxicology*

Cooperating Faculty

Linda Walling, Ph.D., *Genetics*

Major

The Department of Entomology offers undergraduate programs leading to either the B.S. or the B.A. degree. The B.S. degree offers students with a strong interest in the natural sciences an opportunity to emphasize this aspect of their education. The B.A. degree is available to students who wish to obtain a broader background in the humanities and social sciences than is required of students in the B.S. program.

Information on the programs and course requirements is available at CNAS Academic Advising Center, 1223 Pierce Hall. Counseling, course recommendations, and information on education and career goals are provided by the Undergraduate Faculty Advisor, Dr. Thomas M. Perring, 225 Entomology.

University Requirements

See Undergraduate Studies section.

College Requirements

See College of Natural and Agricultural Sciences, Colleges and Programs section.

Some of the following requirements for the major may also fulfill some of the college's breadth requirements. Consult with a department advisor for course planning.