

power spectral density and bandwidth; random processes; noise, signal-to-noise ratio, and error probability; and system performance. Prerequisites: ENGR , , STAT . Spring

ENGR ()

Operations Analysis and Modeling

The methodology of mathematical modeling and its relation to solving problems in industrial and public systems. Linear programming, scheduling, queuing, simulation, optimization, and decision analysis. Prerequisites: MATH , STAT . May not be offered each yearSpring

ENGR ()

Finite Element Methods

Introduction of finite element methods for the solution of problems

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proficiency tests listed below with composite score(s) at or above those indicated:

- . Paper-based TOEFL (ibt) score of with no section score lower than and a minimum TWE (Test of Written English) score of . (valid for one year) or an Internet-based TOEFL of (valid for two years).
- . MELAB average score of with no section lower than (valid for one year).

Undergraduate Programs

BA: English (42)

Core Requirements—

ENGL , , , and (Senior Seminar). The remaining courses in the major should be selected in relationship to one of the following emphases. Major Field Exam required.

English Education Emphasis

(For students seeking secondary teaching certification.)

In addition to the core courses required in the major, students must take ENGL , , , , ; One course from ENGL , ; One course from ENGL , , ; One course from ENGL , ; Two courses from ENGL , , , , (Pending State of Michigan approval)

Literature Emphasis

This emphasis is for those planning to use a graduate degree in English or for those planning professional careers that demand a broad liberal arts background.

In addition to the core requirements of the major, students must take ENGL ; six courses from ENGL , ()20(;)1(six)40(5 (se)1(fr)10(om)-5())TJ 0 -1.294 TD [(ENGL oses)10<25)add294 Td [(the)1(follow

Action America

Action America offers short-term intensive language study, combined with cultural and professional experiences and travel, for non-credit students.

Participants must be at least 18 years of age and must acquire a student visa for entry into the United States. The application for Action America includes the information needed for the I-20. After receiving the I-20 document from Andrews University, the student will need to make an appointment with the American Consulate in the country of origin to apply for the visa. One four-week intensive is offered in July. Customized sessions can be arranged for groups of twelve or more.

Graduate Programs

The Department of English offers the Master of Arts in English with a General emphasis and an emphasis in Teaching English to Speakers of Other Languages. It also cooperates with the School of Education in offering the Master of Arts in Teaching (MAT) degree. In addition, the Department of English participates in offering the Master of Arts: Communication described on p. 10.

Master of Arts

The Department of English offers two programs for its Master of Arts. In addition to the general requirements for the MA degree as stated on p. 10, the required core courses are ENGL 501, ENGL 502, or Topics in Literary Studies of the English Bible (ENGL 503), and ENGL 504 (a minimum of 6 credit). Additional requirements are described below.

General Emphasis

This program provides a balanced array of courses in literature and literary theory, composition and rhetoric, and language. Additional required courses are: ENGL 501, a second seminar (ENGL 502 or ENGL 503), and at least one graduate course from each of the three areas of literature, composition, and language.

Teaching English to Speakers of Other Languages (TESOL) Emphasis

This program includes extensive study of the English language and linguistics and is particularly appropriate for those who plan to teach English to speakers of other languages or do further

practice in summarizing, analyzing, synthesizing, and reading from a critical perspective. Sections organized thematically. Prerequisites: ENGL and completion of semester credits. Cannot be audited or CLEPed.

ENGL ()

Technical Writing

Instruction and practice in designing technical reports. Course studies rhetorical problems and practical strategies related to analyzing and communicating technical information to technical and non-technical audiences. Prerequisite: ENGL . Cannot be audited.

ENGL ()

Professional Writing

Practice in adapting writing to a variety of professional audiences and tasks, including resumes, proposals, business and technical reports, web writing, and collaborative writing. Prerequisites: ENGL and . Cannot be audited.

ENGL ()

Introduction to Rhetoric

An introduction to the study of rhetoric, including classical and modern theories. Emphasis is given to the practical applications of rhetorical analysis in mass media, advertising, literary and political representations. Prerequisites: ENGL and .

ENGL t ()

Teaching and Tutoring Writing

Theory and practice in teaching, tutoring and responding to student writing. Exercises in composition, revision and evaluation. A minimum of hours tutoring required. Prerequisites: ENGL and .

ENGL t Alt ()

Advanced Composition

ENGL Alt ()
Language and Culture
Study of language in the context of ethnology with emphases on () the effect of social variables (including gender) on language use, and on () paralanguage (e.g., kinesics and proxemics).
Prerequisite: ENGL or permission of instructor.

ENGL ()
Phonetics and Phonology
Study of speech sounds and patterns including articulatory phonetics, phonemics, and an introduction to modern phonological theory and analysis. Prerequisites: ENGL , and or permission of instructor.

ENGL ()
Second Language Acquisition
Study of current theories of and research in language acquisition and the implications of this scholarship for language teachers and teaching. Prerequisites: ENGL , and or permission of instructor.

Literature

ENGL \$ ()
Much Ado about English
An introductory course, organized thematically, featuring various texts and approached from several perspectives, including linguistic, rhetorical, and literary analysis.

ENGL ()
Studies in Literature
An introductory literature course with the emphasis indicated by a subtitle, such as World Literature, Biblical Literature, the Short Story, and Women's Literature. Prerequisite: ENGL . Fall, Spring

ENGL \$ ()
Approaches to Literature
An introduction to genres, analysis, critical approaches, and writing about literature. Prerequisite: ENGL .

ENGL V C ()
American Literature to

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ENGL Study Tour: Travel to destinations relevant to individual programs of study. Classes will be selected from department(s) offerings. Fee may be required.	t \$ ()	ENGL Independent Study in English Individualized reading or research in a specified area under the guidance of an instructor; admission by the chair's consent.	(-)
ENGL Senior Seminar Discussion topics include career and placement. The development of a senior portfolio including capstone writing project. Prerequisites: credits in English (not including ENGL ,) or by permission of the instructor.	()	ENGL Project Research Research and writing leading to the completion of the required project paper under the guidance of an instructor. Repeatable to credits.	(-)
Research and Special ized Courses		ENGL Research Methods Research materials, methods of research, and documentation in English studies.	()
ENGL Topics in _____ Study of selected topics in composition, language, or literature. Topic and credit to be announced in advance. Repeatable with different topics to credits. Prerequisites: ENGL and .	(-)	ENGL Workshop Intensive study on selected topicsAs needed	(-)
ENGL Methods of Teaching English An integration and exploration of pedagogical theories and practices in literature for young adults, and writing and language study for the secondary-school classroom. Does not apply toward the first credits in English for an MAT degree. Prerequisites: ENGL and .	t Alt ()	ENGL Project Continuation Student may register for this title while clearing deferred grade (DG) and/or incomplete (I) courses with advisor approval only. Registration for this title indicates full-time status.	\$ ()
ENGL Independent Study/Readings Studies in various areas of language, literature, or composition under supervision of an appropriate instructor, including regular conferences, and resulting in oral and/or written reports and papers. Repeatable up to credits.	(-)	ENGL Program Continuation Students may register for this non-credit continuation course to maintain active status. For additional information on active status, see p. . Registration does not indicate full-time status.	\$ ()
ENGL Practicum Study of and/or supervised practice in teaching college writing (section) or English as a second language (section). Repeatable to credits. Prerequisite or corequisite for those teaching English as a second language: ENGL .	(-)	ENGL Thesis Continuation Student may register for this title while clearing deferred grade (DG) and/or incomplete (I) courses with advisor approval only. Registration for this title indicates full-time status.	\$ ()
ENGL The Christian Tradition The study of noteworthy Christian literature, including works by authors such as John Milton, C.S. Lewis, G.K. Chesterton, and Flannery O'Connor. Also may include focus on Christian perspectives in response to literature.	Alt ()	ENGL Preparation for Comprehensive Exams Advisor approval required. Registration for this title indicates full-time status.	\$ ()
ENGL Topics in _____ Study of selected topics in composition (Modern Rhetoric), language (Contrastive Analysis), or literature (Shakespeare, Literature on Location, or Drama). Topic and credit to be announced in advance. Repeatable to credits with different subject matter.	(-)	ENGL Comprehensive Exam	()
ENGL Graduate Seminar Research projects, reports, and discussions. Seminars are offered in various subjects corresponding with faculty specialization and greatest library strength. Repeatable with different subject matter. Prerequisite: ENGL .	()	ENGL ,-2.588(alT0(huM)-5ation)1(ist)10(1(M)1(r)5(d))TJ tion.	(-)
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ENSL ()
Intermediate Speaking and Listening
Develops fluency in conversation and accuracy in listening skills necessary for effective communication in academic and non-academic settings.

ENSL ()
Intermediate Writing
Develops writing strategies and skills necessary for well-developed, grammatical academic writing.

ENSL ()
Intermediate Reading
Develops vocabulary, reading skills, and strategies in critical thinking necessary for university course work.

ENSL ()
Advanced Grammar Review