

The Department

Language is an essential part of our life. Nothing characterizes humanity more than the ability to use language. To understand the general nature of language, linguists analyze sounds, words, sentences, and texts. Linguists also make valuable contributions to practical fields such as K-12 teaching, second and foreign language teaching, language planning, translation, computer science, forensic linguistics, and language disorders.

Computational applications of linguistics, such as speech synthesis, speech recognition, and machine-assisted translation, have also become increasingly important in recent years.

Both our undergraduate and graduate programs aim to develop intellectual skills that are essential to professional careers or advanced degrees. Our courses provide students with analytical tools that can be applied to virtually any subject. They also help enhance critical thinking, satisfy broad intellectual interest, and enrich personal knowledge.

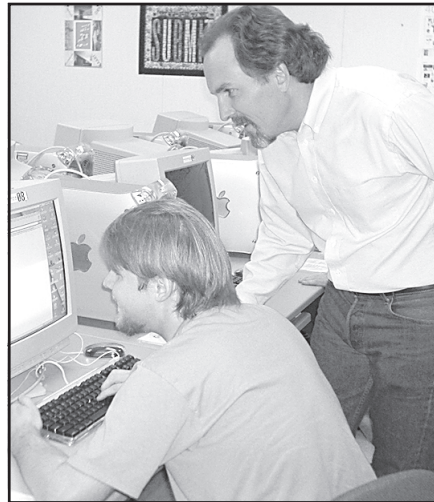
Our majors can be applied directly to various professional fields. They also serve as excellent preparation for pursuing advanced degrees in linguistics and other fields such as English, anthropology, psychology, sociology, computer science, and foreign languages. ESL is an important part of our program and especially compatible with degrees in education and liberal studies. A Japanese minor can be profitably combined with majors in such areas as business, international relations, linguistics, and literature.

A Japanese Minor is also available for students with an interest in Japanese language and culture and/or plans to pursue careers in various areas, such as international business, marketing, economics, art and literature, etc., where a knowledge of the Japanese language and culture would be useful.

We have developed a B.A. Option in Computational Linguistics for those students interested in text processing, forensic linguistics, software design, machine translation, and other professions dealing with the interface between computers and humans. Please contact the department or see the department Web page for information.

Facilities

The Department of Linguistics has equipment for the analysis of speech sounds and for displaying the operation of the organs of speech. Computers are used for simulating speech and for mapping the geographical extent of language features, as well as for storing the data needed for the making of



grammars and dictionaries. The Linguistics Department provides practical classroom teaching experience for qualified ESL students through employment in the American English Institute. A description of the American English Institute is included in the *Special Programs* section of this catalog. Also associated with the Linguistics Department is the Forensic Linguistics Institute (FLI). The purpose of the FLI is to provide analyses in linguistic stylistics to extramural clients, thereby giving Fresno State linguistics majors opportunities for work, study, research, and career preparation in a new and rapidly developing area of applied linguistics.

Career Opportunities

Many of our B.A. students want to pursue careers in education. There are several ways to do this. Our department offers a **Subject Matter Preparation Program** for students who wish to teach ESL, language arts, or English composition and literature in California middle and high schools. Students can double major in linguistics and liberal studies, or minor in linguistics with a liberal studies major to lead to a Multiple Subject Credential for K-6 instruction. Students who pursue a major in linguistics by itself may enter the Multiple Subject Credential Program with satisfactory completion of the MSAT Exam. Many linguistics students find jobs teaching English overseas upon completion of the B.A. or M.A.

Students with a B.A. or M.A. in Linguistics can go on for further education in a wide variety of fields. In law or criminology, they have a special understanding of legal issues involving language or the use of language evidence in litigation (forensic linguistics). With additional work in computer science, the linguistics student can find employment in software development working with com-

College of Arts and Humanities

Department of Linguistics

Barbara Birch, *Chair*

Denise Bissett, *Administrative Support Coordinator*

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B.A. in Linguistics

Options:

- Teaching English as a Second Language
- General Linguistics
- Computational Linguistics

M.A. in Linguistics

Options:

- English as a Second Language
- Linguistics

Minor in Linguistics

Minor in Japanese

Minor in English as a Second Language

Subject Matter Preparation Program in English/ESL

Graduate Certificate in TESOL

puter language or making the interface smoother between human and computer. After further training, some linguistics students work for the Central Intelligence Agency, the National Security Agency, the Peace Corps, the United States Information Agency, the military, or the State Department monitoring foreign news or doing cryptography, language instruction, or translation. Many corporations recruit linguistics majors into management, development, and marketing positions. Enterprising linguistics students have developed service-related businesses in consulting, interpretation, translation, or communication.

After the Master of Arts in Linguistics, many of our students are accepted into Ph.D. programs in the best research universities in the U.S. in applied or theoretical linguistics, ESL, education, anthropology, psychology, or other majors. The M.A. Option in ESL prepares students for Ph.D. programs or teaching/administrative positions overseas, in community colleges, and in adult schools.

Linguistics

Faculty

Barbara M. Birch, *Chair*
Undergraduate Advisers:
 Barbara M. Birch
 Gerald R. McMenamin

Graduate Adviser: Shigeko Okamoto

Brian Agbayani	Vida Samiian
Chris Golston	Terese Thonus
Ritva Laury	Xinchun (Jean)
Will Lewis	Wang
Ellen Lipp	Jack B. Zeldis
George W. Raney	

Bachelor of Arts Degree Requirements

Linguistics Major

A B.A. degree with a major in linguistics requires 36-54 units completed in one of the options outlined below, the General Education requirement, specific course/skill requirements, and electives and remaining degree requirements totaling at least the 120 units required for a B.A. degree.

The B.A. program in Linguistics is diversified but integrated. Three options are available: (1) Teaching English as a Second Language, (2) General Linguistics, and (3) Computational Linguistics. In each option, students receive a basic grounding in the nature and structure of human language.

	<i>Units</i>
Major requirements	36-54
A. Core	18
LING 100, 142, 143, 144, 148, 165	
B. Options	18-36
I. Teaching English as a Second Language	18
LING 132, 141, 146, 155, 171	(15)
Elective: any upper- division course in linguistics	(3)
II. General	
Linguistics	18
LING 134, 139, 145, 149, 152	(15)
Elective: any upper- division course in linguistics	(3)
III. Computational	
Linguistics	35-36
Prerequisites: CSCI 40, 41, 60; MATH 75	(16)
LING 139, 149, 152..	(9)
CSCI 117, 119	(7)

Elective: select from any upper-division course in linguistics or CSCI 115, 130, 164, 166, 186	(3-4)
General Education requirements	51
Electives and remaining degree requirements	15-33
Total	120

Advising Notes

1. No General Education Integration course offered by the Department of Linguistics may be used to satisfy the General Education requirements for linguistics majors.
2. CR/NC grading is not permitted in the linguistics major.
3. General Education and elective units can be used toward a double major or minor. (See *Double Major* or departmental minor.) Consult the appropriate department chair, program coordinator, or faculty adviser for further information.
4. See adviser for list of approved electives.

Minors

Each of the three minors also requires a 2.0 GPA and 6 upper-division units in residence.

Linguistics Minor

	<i>Units</i>
LING 10 or 100, 134 or 146	6
Approved electives	15*
Total	21

Japanese Minor

	<i>Units</i>
JAPN 1A, 1B, 2A, and 2B	12
Approved electives	6*
Select the elective courses from JAPN 100, LING 120, LING 190 (Independent Study) or other courses approved by the Japanese minor coordinator.	
Total	18

English as a Second Language Minor

	<i>Units</i>
LING 134 or 146, 141, 171, 147	12
Approved electives	6*
Total	18

*See *Advising Note 4* above.

General Education Linguistics Credit

The following courses will meet General Education requirements: CHIN 1A/B, HMONG 1B, JAPN 1A/B, LING 10 (Area C); LING 30 (Area E); LING 115, 130 (Integration IC); LING 147 (Multi-cultural/International).

Subject Matter Preparation Program

This program is for those who wish to become high school or middle school English as a Second Language teachers. This program is under revision. See adviser for changes.

English/English as a Second Language

Prerequisites:

- ENGL 41 or 43 (4 units)
- LING 100 (3 units)

	<i>Units</i>
Core courses	35

Choose the required number of units from each group:

ENGL 182	(2)
ENGL 189	(4)
ENGL 193	(4)
ENGL 164	(4)
LING 141	(3)
LING 138	(3)
LING 134, 146	(3)
ENGL 154, 155	(4)
ENGL 146, 147, 150, 151, 152, 156	(4)
ENGL 112, 113, 114, 115, 116, 146, 147, 150, 151, 152, 153, 154, 155, 156, 167, 168T, 169T, 183, 193, 193T, 194	(4)

Breadth courses	18
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Choose the required number of units from each group:

LING 132, 171	(6)
LING 139, 142, 143, 145, 147, 148	(12)

Total	53
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Graduate Program

The Master of Arts degree program in Linguistics offers training in General Linguistics and in English as a Second Language. For specific requirements, see *Degree Requirements* in the copy that follows; for general requirements see *Division of Graduate Studies*.

The Master of Arts degree program in Linguistics assumes a baccalaureate degree major in an appropriate field and at least

three upper-division courses in linguistics as prerequisites. Graduate students are required to complete at least 30 units of courses with a minimum of 21 units of graduate level courses, and to pass a comprehensive examination.

Graduate Level Writing Competence. California State University, Fresno requires that students have graduate level writing abilities before being advanced to candidacy for the M.A. Students demonstrate these abilities by completion of any 200-level linguistics course other than LING 244, all of which include a research paper of 20-30 pages written according to the stylesheets of the journal's language (for courses in general linguistics) or Teaching English as a Second Language (for courses in TESOL). Should the student pass all components other than writing, the student would receive credit for the course but would have to revise and resubmit the paper to the department.

(See also *Admission to Graduate Standing, Advancement to Candidacy, and Program Requirements.*)

Master of Arts Degree Requirements

Up to 12 prerequisites

Units

Core courses 6

Select the required number of units from the following courses: LING 242, 243, 248

Select one: 24

Linguistics (24)
LING 148; LING 242 or 243*; and 18 units of approved upper-division and graduate level coursework

ESL Option (24)

LING 237, 241, 244, and 15 units of approved upper-division or graduate level coursework of which a minimum of 3 units are in ESL-related areas

Total 30

* Whichever is not taken as core.

Upon examination of the student's record other courses will be specified to produce a coherent program.

It is university policy that students select approved electives in such a way that at least 70 percent of their graduate program consists of 200-series courses.

Graduate Certificate in TESOL

Certificate of Advanced Study in Teaching English to Speakers of Other Languages. This certificate is designed to train participants in the theory and practice of TESOL, with application to a wide variety of teaching circumstances. In addition to prerequisite courses that may be needed, the 12-unit course of study will include LING 237, 241, 244, and 231T or 232T (or an approved graduate elective). Students must maintain a GPA of 3.0 or better in the program. The certificate is designed for Valley classroom teachers who need academic certification for professional advancement or for international students with limited time for TESOL training.

See graduate adviser for prerequisites.

Requirements 12

LING 232T (or approved graduate elective), 237, 241, 244

COURSES

Linguistics (LING)

10. Introduction to Language (3)

Prerequisite: G.E. Foundation A2. The study of language — including its nature, structure, use, history, and acquisition — with the goal of imparting (1) an understanding of the importance of language in human affairs, including social and cultural functions and (2) an appreciation of its complexity and diversity. G.E. Breadth C2.

11. Introduction to Language (3)

Open to liberal studies majors only. Prerequisite: G.E. Foundation A2. The study of language — including its nature, structure, use, history, and acquisition — with the goal of imparting (1) an understanding of the importance of language in human affairs, including social and cultural functions and (2) an appreciation of its complexity and diversity. Special focus on the structure and function of English. Meets G.E. C2 requirement only for liberal studies majors.

20. Language and Culture (3)

Helps students learn to understand and critically evaluate the influence of language and culture in their decisions and choices. Also helps students to respect the linguistic and cultural differences of ethnic groups in the United States and the world.

30. Language through the Lifespan (3)

Physiological, psychological, and social aspects of language development and use during infancy, childhood, adolescence, adulthood, and old age. First and second language acquisition, language and identity, and language and relationship. G.E. Breadth E1.

40T. Topics in Linguistics (1-4; max total 12 if no topics repeated) Topics to be offered at the discretion of the department.

100. General Linguistics (3)

Linguistics methodology: phonology, morphology, syntax, and semantic analysis. Language history: variation and change.

110. Indic Cultures and Traditions (3)

(Same as HUM 150.) Study of the cultures and traditions of the Indian Subcontinent as part of the common human heritage, and for informed perspectives on international issues. Understanding of peoples of South Asia: their lifestyles, world views and experiences; the development of their intellectual, aesthetic and spiritual traditions; and their current aspirations and problems.

111W. Academic Writing Workshop (3)

Meets the upper-division writing skills requirement for graduation. Increases language awareness. Focuses on punctuation, usage, and the conventions of writing academic prose using style manuals. Does not apply to the linguistics major or minor.

115. Language, Culture, and Society (3)

Prerequisites: G.E. Foundation and Breadth Area C. Studies the relationship between language, culture, and thought; cultural traditions and language arts; cultural norms and interactional styles; language and the development of ethnic and national identity; meanings of social variation in language; discourse styles; and social roles/relations. G.E. Integration IC.

120. Japanese Language and Culture (3)

Understanding of the Japanese language in relation to the culture and society. Historical and sociocultural background, origin of Japanese, development of writing system, language variation, vocabulary, idioms and proverbs, discourse functions, levels of politeness, male-female speech, and cross-cultural communication. (Formerly LING 140T section)

130. Language and Gender (3)

Prerequisites: G.E. Foundation and Breadth Area C. A critical examination of the relationship between language and gender; sexism in linguistic structure and oral and written discourse; gender-based variation in linguistic norms and practices in different cultures and social groups; and social, educational, and political implications. G.E. Integration IC.

132. Linguistics and Reading (3)

The linguistics background necessary for teaching reading in English. The English spelling system; the grammar and vocabulary of written English; preparation and evaluation of materials for teaching reading.

133. English Language Learners in the Elementary School (3)

Language issues, methodologies, and materials for teaching K-8 English learners. Structure and acquisition of English for first and second language learners. Basic characteristics of languages spoken by our diverse school population. Sociocultural factors for education of English language learners.

134. Structure of English (3)

An introductory survey of the structure of English: sounds, spelling, word formation, and grammar.

137. Language Minority Students in the Secondary Classroom (3)

Prerequisite: admission to the Single Subject Credential Program. Issues, methodologies, and materials to provide content area instruction to secondary students whose primary language is not English.

138. History of the English Language (3)

Prerequisite: LING 10, 100 or 134. Study of the development of the sound system, grammar, vocabulary, and writing system of English.

139. General Phonetics (3)

Introduction to the phonetic properties of human languages; descriptive analysis of the speech sounds in a wide variety of languages; articulatory and acoustic aspects of speech; practice in production, perception, and transcription of speech sounds. Introduction to experimental techniques. (2 lecture, 2 lab hours)

140T. Topics in Linguistics (1-4; max total 12 if no topic repeated)

Topics to be offered at the discretion of the department.

141. Teaching English to Speakers of Other Languages (TESOL) (3)

Theories and methods of teaching English to speakers of other languages.

142. Phonology (3)

Prerequisite: LING 100. The sound patterns of human language. Phonemic theory and analytical techniques. Distinctive feature theory and analysis. Major phonological processes and their description.

143. Syntax (3)

Prerequisite: LING 100. Theory and practice in the description of grammatical systems. Comparison of approaches. Practical experience with data.

144. Discourse Analysis (3)

Prerequisite: LING 100. Basic concepts in the study of discourse, including conversational structure; structure of narrative and

expository texts; information flow; differences between spoken and written language; and implications for the study of grammar and for the teaching of language.

145. Historical Linguistics (3)

Prerequisite: LING 100. Explanation of similarities among languages; methods of reconstructing past languages and investigating relationship and grouping among languages. Comparison of approaches to language change.

146. Practical English Grammar for Language Teachers (3)

English grammar from the perspective of the teacher. Format designed to be compatible with classroom needs of language arts and ESL teachers. By analyzing English structures, students gain confidence in their ability to teach English grammar to ethnically diverse students.

147. Bilingualism (3)

Prerequisites: G.E. Foundation and Breadth Area D. Examines bilingualism as an individual and societal phenomenon. Looks at language and identity, bilingual language acquisition, and bilingual education. Survey of bilingual and multilingual situations and current issues associated with language diversity in the United States and elsewhere in the world. G.E. Multicultural/International MI.

148. Sociolinguistics (3)

Methods of investigation and major findings in the study of the relationship among languages of the world and social class, race, age, sex, and other social subcategories. Political and educational implications. Interaction between linguistic and social factors in linguistic variations.

149. Corpus Linguistics (3)

Prerequisite: LING 10 or 11 or 100. Covers the development and use of large language corpora as they are used in theoretical and empirical research in linguistics. Corpus linguistics is useful for students with an interest in ESL, syntax, semantics, computational linguistics, forensic linguistics, language variation, spelling, and reading.

150. The Structure, Function, and Acquisition of English (3)

Introduction to the grammatical components of English (sound, word, sentence), first and second language acquisition, the role of culture and dialect variation in language learning, and comparison of English to other languages spoken in this area. Does not count towards the linguistics major.

151. Specially Designed Academic Instruction in English (3)

Provides the knowledge base and professional skills required to give English Language Learners (ELLs) effective English language and academic subject matter instruction. Reviews foundations of effective language learning in and through English and content learning strategies in a multilingual classroom.

152. Computational Linguistics (3)

Overview of the field of computational linguistics, especially speech processing, text processing, machine translation, and the use of the Web as a linguistic resource. (Formerly LING 140T)

155. Computer-Assisted Language Learning (3)

Current theory, research, and practice in computer-assisted language learning. Some minimal experience in using computers is assumed. (2 lecture, 2 lab hours)

165. Language Acquisition (3)

An examination of the first and second language acquisition. Overview of current research in the field and implications for areas of applied linguistics, psychology, education, and sociology.

171. Practicum in TESL (3)

Prerequisite: LING 141 (may be taken concurrently). Provides practice in teaching English as a Second Language listening, speaking, reading, and writing; includes class visitation, classroom demonstrations, and lesson planning. Introduces students to cross-cultural communication issues.

190. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for RP grading.

FOREIGN LANGUAGE COURSES *Chinese (CHIN)*

1A. Elementary Chinese (3)

Prerequisite: G.E. Foundation A2. Beginning course in modern Mandarin Chinese, including basic communication skills, cultural traditions (literature, music, philosophy, and lifestyle) of the Chinese people, and appreciation/practice of the most important Chinese art form: calligraphy. G.E. Breadth C2.

1B. Elementary Chinese (3)

Prerequisite: G.E. Foundation A2. Not open to students with previous training. Beginning course in spoken and written Mandarin Chinese including developing and understanding of the traditions and lifestyles of the speakers of the language. G.E. Breadth C2.

2A-B. Intermediate Chinese (3-3)

Prerequisite: CHIN 1B. Intermediate grammar, speaking, reading, and writing.

Hebrew (HEBR)**1A-B. Basic Hebrew (3-3)**

Basic structure and pronunciation of Hebrew; practice in reading, writing, speaking, and grammar; suitable introduction to both Biblical and modern Hebrew.

Hmong (HMONG)**1A-B. Basic Hmong (3-3)**

Prerequisite: G.E. Foundation A2 for HMONG 1B. Beginning course in spoken Hmong. Covers listening comprehension and oral practice, basic grammar, vocabulary, and traditions and lifestyle of the speakers of the language. HMONG 1B is G.E. Breadth C2.

4. Beginning Literacy for Hmong Speakers (3)

For the native speaker of Hmong. Emphasis on basic reading and composition skills. Includes practice in reading and writing simple texts. Covers the traditions and lifestyles of the speakers of the language.

100. Intermediate Reading and Composition (3)

Prerequisite: HMONG 4 or equivalent. Further development of reading and composition skills. Includes practice in reading expository texts and review of grammatical structures.

101. Advanced Reading and Composition (3)

Prerequisite: HMONG 100 or equivalent. Emphasis on strategies for complex texts. Enhancement of composition fluency and grammatical accuracy.

Japanese (JAPN)**1A-B. Elementary Japanese (3-3)**

Prerequisite: G.E. Foundation A2. Beginning course in modern Japanese, including basic communication skills, cultural traditions (literature, music, philosophy, and lifestyle) of the Japanese people, and appreciation/practice of the most important Japanese art form: calligraphy. G.E. Breadth C2.

2A-B. Intermediate Japanese (3-3)

Prerequisite: JAPN 1B. Further development of communicative skills in conversational Japanese. Also covers reading and writing in Kana and 200 Kanji characters.

100. Advanced Japanese (3)

Prerequisite: JAPN 2B or its equivalent. Enhancement of oral communicative fluency as well as grammatical accuracy. In-

cludes practice in reading some expository writing. Covers 150 Kanji characters.

Sanskrit (SKT)**10A-B. Sanskrit (3-3)**

Introduction to the Sanskrit language and the Devanagari script. Core grammatical structure and vocabulary. Reading of Sanskrit texts. Literary tradition and lifestyle of the speakers of the language, and relationship with Greek, Latin, and Germanic languages.

English as a Second Language (ESL)

Newly arrived international students are required to take the University English Exam (UEE) during their on campus orientation. They are exempted from or placed into an ESL course based on their performance on this test. (See *Special Programs* section for English courses for speakers of other languages offered through the Linguistics Department.)

GRADUATE COURSES

(See *Course Numbering System*.)

Linguistics (LING)**231T. Seminar in Linguistics**

(3; max total 12 if no topic repeated)

Prerequisite: LING 100 and permission of instructor. Topics to be offered at the discretion of the department.

232T. Seminar in English Linguistics

(3; max total 12 if no topic repeated)

Prerequisite: LING 100 and permission of instructor. Topics to be offered at the discretion of the department.

237. Teaching Reading and Writing to Speakers of Other Languages (3)

An overview of theory, research, and practice in the teaching and learning of vocabulary, reading, and writing in a second language.

238. History of Linguistics (3)

Historical survey of scientific ideas, terms, techniques, and theoretical positions in the study of language from ancient time to the present day, including traditional grammar, comparative philology, and modern linguistics. Overview of general scholarly concern and intellectual climate during each period.

241. Seminar in Teaching English as a Second/Foreign Language (3)

Prerequisite: LING 141. Overview of research, theory, and pedagogy in the field; includes culture, second language acquisition, and professional issues.

242. Seminar in Phonology (3)

Prerequisite: LING 142. Covers current theories of how to structure sounds and

syllables; the relation of sound structure to other parts of the grammar (words, sentences) and to first and second language acquisition. Data from a wide variety of languages.

243. Seminar in Syntax (3)

Prerequisite: LING 143. Current theories of how sentences are structured; the relation of sentence structure to other parts of the grammar (words, meaning) and to first and second language acquisition. Data from a wide variety of languages.

244. Curriculum Design and Classroom Evaluation (3)

Covers techniques for designing language courses including assessment of needs, formulation of objectives, and evaluation of student learning; includes theory and methods of designing effective instruments for L2 classroom assessment.

245. Seminar in Historical Linguistics (3)

Prerequisite: LING 145. Contribution of recent work on general linguistics, sociolinguistics, and language acquisition studies to our understanding of diachronic grammar and its reconstruction. Other topics include the insights provided by language variation, language universals and typology, and discourse analysis.

248. Seminar in Sociolinguistics (3)

Prerequisite: LING 148 or consent of instructor. A critical survey of current research in sociolinguistics; research methodologies; theoretical issues concerning the relationship between linguistic variation and social variables, such as social class, ethnicity, gender, and social relations; bilingualism, multilingualism, world Englishes, and language planning; implications for language teaching. (Formerly LING 231T)

249. Field Methods

(3; max total 6 if no topic repeated)

Prerequisite: LING 142 or 143 or consent of instructor. First-hand experience in collecting and analyzing linguistic data. Exact nature of data varies by semester and may include less well-known languages, children's language, interlanguage, classroom interaction, etc.

251. Seminar in Discourse Analysis (3)

Prerequisite: LING 100 or equivalent. Exploration and analysis of the functional and other linguistic bases for the organization of units larger than the sentence.

290. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for RP grading.