LHD 487 Independent Study in Human Sexual and Gender Development
The completion of an individual project by one student or a group of students on human sexual and gender development and the life course. Projects must include both library and field research, or a literary or artistic endeavor. May be repeated once. Preerequisites: LHD 101 or 301; LHD 302; permission of director of the minor 0-6 credits
LHD 488 Internship
Participation in public and private agencies and organizations. May be repeated up to a limit of 6 credits. Preerequisite: Permission of director of the minor or instructor 0-6 credits, S/U grading

LHW
Living/Learning Center in Health and Wellness
LHW 102 Introductory Seminar to the Health Professions
An exploration of the scope of practice for selected health professions. The course includes seminars by invited speakers in the health professions. Students are required to actively investigate several similar professions in order to better understand similarities and differences. Professions explored include medicine, nursing, dentistry, physical therapy, occupational therapy, clinical laboratory sciences, respiratory care, and physician assistant. Not for credit in addition to HAS 190 1 credit
LHW 301 Issues in Health and Wellness
An investigation of selected topics in health and wellness, chosen by the class as a whole. Students are required to actively investigate their chosen area and present their findings to the class. Topics are determined through class discussion, individual investigation, and mutual consent. 3 credits
LHW 488 Internship in Health and Wellness
An experience in health and/or wellness promotion, prevention, and/or education. Students learn about contemporary issues in health and wellness through hands-on work with faculty mentors and on- and off-campus health and wellness professionals. May be repeated up to a limit of 6 credits. Prequisites: LHW 301; permission of director of the minor 0-6 credits, S/U grading

LIA
Living/Learning Center: Interdisciplinary Arts
LIA 101-D Introduction to the Interdisciplinary Arts
An exploration of the interdisciplinary and collaborative nature of the fine arts. The course traces the general development of the arts from their common practical origins in basic communication, ritual, and decoration to the present, and examines how these factors unify the arts in modern culture and society. Students develop in-class presentations using multiple art forms. 3 credits
LIA 102 Opportunities in the Arts
An introductory seminar concerning career opportunities in the arts. Students meet once a week for discussion, networking, establishing career strategies, career planning, and investigations of continued study: Guest lecturers discuss their area of expertise in relation to career opportunities for students entering the field. 1 credit
LIA 401 Senior Seminar
An intensive investigation of theatre theorists with particular emphasis on the application of theory to practice. This course is offered as both LIA 401 and THR 401. Prerequisites: U4 standing; permission of instructor 3 credits
LIA 487 Independent Research in Interdisciplinary Arts
The completion of a group-generated or individual creative project under the supervision of an instructor. May be repeated to a limit of 6 credits. Prerequisites: LIA 101; any 200-level art, dance, music, or theatre course; permission of instructor and director of the minor 0-6 credits
LIA 488 Internship in Arts Management
Study of the field of arts management, including public relations, scheduling, resource coordination, and community interaction. Practical work with management of the annual Shirley Strum Kenny Student Arts Festival. Prerequisite: Permission of director of the minor 0-6 credits, S/U grading

LIN
Linguistics
LIN 101-F Introduction to Linguistics
An introduction to the fundamental areas and concepts of modern linguistics. Sounds and their structure, word structure, and sentence structure are discussed. Other topics may include historical linguistics (how languages change over time), dialects, writing systems, language and the brain, and psycholinguistics (especially the question of how children acquire a language). 3 credits
LIN 200-K Languages and Cultures of the United States
Survey of the languages and language-related issues in the United States. Topics include Native American languages; immigrant languages; dialectal variations (e.g., Black English); the domains in which these languages were and are used; maintenance and loss of minority languages; language contact and its effects; the use of Spanish; language attitudes and politics is including bilingual education; and official language movements. Particular attention is paid to the evolution of American English from colonial times to its present world-wide status; the use and impact of Spanish; language attitudes and politics including bilingual education; and official language movements. Advisory Prerequisite: Completion of D.E.C. categories I and J 3 credits
LIN 201-F Phonetics
Introduction to the sounds used in human language. Topics include articulatory phonetics, phonetic transcription, the sound structure of English, sounds and sound patterns in languages of the world, the acoustic properties of sounds, speech perception, and speech technology. Includes work in the phonetics laboratory on computer analysis of speech. 3 credits
LIN 211-F Syntax
An introduction to generative grammar: the formal theory of sentence structure. 3 credits
LIN 250-K Languages and Cultures of Asian Americans
Study of language use and cultural accommodation in selected Asian American communities in relation to the changing roles of Asians in U.S. society from the early democracy to the present. Issues include linguistic and cultural diversity of Asia and Asian Americans; comparison of Asian and European immigration patterns; struggle for equality and acceptance; cultural factors in assimilation; patterns of Asian language use and maintenance in various domains; the role of language in ethnic identity; attitudes toward English and bilingualism; bilingualism as a problem and as a resource. This course is offered as both AAS 250 and LIN 250. Prerequisite: Completion of D.E.C. category A 3 credits
LIN 300 Writing in Linguistics
Majors in linguistics refine their skills in writing for the discipline by critiquing successive revisions of previously written work under the guidance of the undergraduate director. Prerequisites: Major in linguistics; U3 or U4 standing 1 credit, S/U grading
LIN 301 Phonology
An introduction to the sound systems of languages focusing on the mental representation of sound structure: how speakers use knowledge of their language to assign meaning to different combinations of sounds. We will examine data from a number of languages to explore the differences and similarities among the sound patterns of different languages, and will consider the question of whether there are universal preferences for specific types of sounds and sound sequences. Prerequisites: LIN 201 3 credits
LIN 307-K Sociolinguistics
An examination of the interaction between language and society, focusing on diversity in American English as it relates to differences in gender, geography, social class, ethnicity, and national origin. Study of the development of dialects including African-American Vernacular English, and pidgins and creoles such as Hawaiian Pidgin English and Chinook Trade Jargon, within the context of historical developments in the U.S. from colonial times to the present. Prerequisite: LIN 101 or 102 Advisory Prerequisite: Completion of D.E.C. categories I and J 3 credits
LIN 330 Language Acquisition
Introduction to the field of language acquisition. Issues include cognitive processes, role of innate ability and environment, developmental stages, individual variation, universal tendencies, interaction of language and cognition, bilingualism, similarities and differences between first- and second-language acquisition, and language disorders. Prerequisite: LIN 201 and 211 3 credits
LIN 340 Historical Linguistics
The application of linguistic theory to the ways in which sound systems, word structure, and sentence structure change. Students learn how linguists establish that certain languages are related, and how they reconstruct prehistoric parent languages. Prerequisites: LIN 211 and 301 3 credits

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LIN 344 Literacy Development
An introduction to the theories of literacy and language development of native English speakers and students who are English language learners in preschool through grade 12. Students acquire knowledge in the development of literacy skills among children of different developmental and ability levels and develop learning experiences that integrate literacy skills and assessment across all disciplines. Attention is given to children with special needs and the integration of technology in the development of literacy skills. Not for major credit. Prerequisite: Admission to a secondary teacher education program. 3 credits

LIN 345-J Writing Systems of the World
A survey of the major types of writing including (but not limited to) alphabetic, syllabic, and logographic systems; the invention of writing; changes in writing systems over time; and the development of written language. Special attention is given to modern English spelling; including both its regular, systematic properties and the historical background of its irregularities. Prerequisite: LIN 101 or 211 or satisfaction of Skill 3. 3 credits

LIN 346-F Language and Meaning
An exploration of semantics, the study of linguistic meaning. The course examines fundamental issues including the nature of meaning, its relation to word and sentence form (morphology and syntax), its relation to systems of mental representation (cognition), and the interaction between meaning and use (pragmatics). Recent research into the way that linguistic meaning is acquired and how it is deployed in speech and understanding is discussed. Prerequisite: LIN 101 or 211. 3 credits

LIN 355-J Language and Life in a Selected Area of the World
Study of the languages of a selected country or region outside of Europe in relation to its society, culture, history, and politics. Topics include language family, social structures, conditions of language contact, and cultural patterns reflected in language use. Semester supplements to this Bulletin contain specific descriptions when course is offered. May be repeated for credit as the topic changes. Advisory Prerequisite: LIN 101. 3 credits

LIN 356-I Topics in Language and Life in Europe
Focus will be on the language of a particular country or region in Europe and the relationship between language and the society, culture, history, and politics of the country or region. Semester supplements to this Bulletin contain specific descriptions when course is offered. Designed for upper-division students, this course provides an in-depth study of a specific topic relating to Western civilization. Students will be expected to demonstrate knowledge of the development of the distinctive features of the history, institutions, economy, society, and culture of Western civilization, and relate it to that of other regions in the world. May be repeated for credit as the language examined changes. Prerequisite: One LIN course or satisfaction of Entry Skill 3 foreign language proficiency. 3 credits

LIN 370-J Intercultural Communication
Through combination of theory and research from discourse linguistics and linguistic anthropology, this course examines (i) how culture shapes ways of speaking; (ii) how language constructs identities, dispositions, role relations; and (iii) what challenges people from different cultures may face when they communicate with each other. The following analytical perspectives will be presented: speech act theory, ethnography of communication, linguistic politeness, and sequential organization of turn taking. This course is offered as both AAS 370 and LIN 370. Prerequisite: One previous course in D.E.C. J or one previous course in Linguistics. 3 credits

LIN 375 TESOL Pedagogy: Theory and Practice
Introduction to language and literacy instruction, instructional approaches, and assessment models for the teaching of speaking, listening, reading, and writing. Students design standard-based lessons and evaluate resources and technologies. Prerequisites: Declared major in Linguistics; C or higher in LIN 101, 211, or 211.g.p.a. of 2.75 or higher; for non-native speakers of English, a SPEAK test score of 50 or higher. 3 credits

LIN 378 Content-Based Language and Literacy Development
Introduction to language and literacy development across disciplines and to assessment, cooperative learning, and reflective practices. Students will develop standard-based interdisciplinary thematic units, integrate technologies, and explore collaborative practices. Prerequisite: LIN 375. Corequisite: LIN 450. 3 credits

LIN 425 Special Topics in Linguistics
Seminars for advanced linguistics students. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes. Prerequisite: Varies with subject matter. 3 credits

LIN 426 Special Topics in Linguistics
Seminars for advanced linguistics students. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes. Prerequisite: Varies with subject matter. 3 credits

LIN 427 Special Topics in Linguistics
Seminars for advanced linguistics students. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes. Prerequisite: Varies with subject matter. 3 credits

LIN 431 The Structure of an Uncommonly Taught Language
An investigation of the phonology and syntax of either a language or a family of languages. May be repeated if a different language is covered. Prerequisite: LIN 211. Pre or Corequisite: LIN 301. 3 credits

LIN 447 Directed Readings in Linguistics
Qualified juniors and seniors in linguistics are offered an opportunity to do independent work on topics in linguistics under guidance of a faculty member. May be repeated. Prerequisite: Permission of department. 1-6 credits

LIN 449 Field Experience, Grades N-12
Observation, inquiry, and practice in language and literacy development across disciplines for learners from linguistically and culturally diverse backgrounds. Students are placed in variety of educational settings in elementary and secondary schools for 50 hours of fieldwork. Satisfactory/Unsatisfactory grading. Prerequisites: Admission to the Linguistics Teacher Preparation Program; C or higher in one 200-level linguistics course; two years of a language other than English; minimum GPA 2.75. Corequisite: LIN 375. 1 credit, S/U grading

LIN 450 Field Experience, Grades N-12
Observation, inquiry, and practice in language and literacy development across disciplines for learners from linguistically and culturally diverse backgrounds. Students are placed in variety of educational settings in elementary and secondary schools for 50 hours of fieldwork. Satisfactory/Unsatisfactory grading. 1 credit, S/U grading

LIN 451 Supervised Teaching—English as a Second Language: Primary Grades N-6
Supervised practice teaching in English as a second language by arrangement with selected Boards of Cooperative Educational Services and primary, middle, and secondary schools. Applications must be filed in the academic year preceding that in which the student plans to take the course. Prerequisites: Linguistics major; 3.00 g.p.a. in major; 2.75 g.p.a. overall; NY teacher certification exams LAST and ELPA; 55 or higher on SPEAK or TSE, or comparable score on recognized standardized test of spoken English. Corequisites: LIN 452 and 454. 6 credits, S/U grading

LIN 452 Supervised Student Teaching in English as a Second Language: Secondary Grades 7-12
Supervised practice teaching in English as a second language by arrangement with selected Boards of Cooperative Educational Services and middle and secondary schools. Applications must be filed in the academic year preceding that in which the student plans to take the course. Prerequisites: Linguistics major; 3.00 g.p.a. in major; 2.75 g.p.a. overall; NY teacher certification exams LAST and ELPA; 55 or higher on SPEAK or TSE, or comparable score on recognized standardized test of spoken English. Corequisites: LIN 451 and 454. 6 credits, S/U grading

LIN 454 Managing Instruction, Assessment, and Resources
Examination of effective practices, assessments, and technologies for developing language and literacy across content areas in multi-level classrooms. Collaboration with colleagues, parents, and communities is explored. Prerequisites: C or higher in LIN 378; New York teacher certification exams LAST and ELPA. Corequisites: LIN 451 and 454. 3 credits

LIN 464 Morphology and Word Formation
The internal structure of complex words. A variety of analytical methods is introduced, together with examples from English and many other languages. Prerequisites: LIN 211 and 301. 3 credits

LIN 475 Undergraduate Teaching Practicum I
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student in required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. Not for major credit. Prerequisite: Linguistics major; U3 or U4 standing; permission of instructor. 3 credits, S/U grading
LIN 476 Undergraduate Teaching Practicum II
Work with a faculty member as an assistant in one of the faculty member’s regularly scheduled classes. Students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. Students may not serve as teaching assistants in the same course twice. Not for major credit.
Prerequisite: LIN 475; permission of instructor
3 credits, S/U grading

LIN 487 Directed Research in Linguistics
Qualified advanced undergraduates in linguistics may carry out individual research projects under the direct supervision of a faculty member. May be repeated up to a limit of six credits.
Prerequisite: Permission of department
0-6 credits

LIN 488 Internship
Participation in local, state, and national public and private agencies and organizations. May be repeated up to a total of 12 credits.
Prerequisites: 15 credits in linguistics; permission of department
0-6 credits, S/U grading

LIN 495 Senior Honors Project in Linguistics
First course of a two-semester sequence for linguistics majors who are candidates for the degree with honors. The project involves independent readings or research and the writing of a thesis. Students enrolled in LIN 495 are obliged to complete LIN 496 the next semester. Students receive only one grade upon completion of the sequence.
Prerequisite: Admission to the Linguistics Honors Program
3 credits

LIN 496 Senior Honors Project in Linguistics
Second course of a two-semester sequence for linguistics majors who are candidates for the degree with honors. The project involves independent readings or research and the writing of a thesis. Students enrolled in LIN 495 are obliged to complete LIN 496 the next semester. Students receive only one grade upon completion of the sequence.
3 credits

LRN Learning Communities
LRN 104-G The Person
The first course in a two-semester sequence providing a broad cross-disciplinary approach to study in the humanities and social sciences, while laying the foundation for future academic success by fostering critical and conceptual skills through collaborative research projects. Issues associated with human identity and human values are examined in the context of modern social, psychological, and humanistic thought on learning, perception, cognition, and the self, including representations of the person and the self in literature and the arts. Students are expected to attend several events outside the regularly scheduled class time.
Prerequisite: Enrollment in Freshman Learning Communities program
1 credit

LRN 105-F Ecology and Society
Second course of a two-semester sequence providing a broad cross-disciplinary approach to study in the humanities and social sciences, while laying the foundation for future academic success by fostering critical and conceptual skills through collaborative research projects. The course focuses on the variety of images of humanity’s relationship with the natural environment and examines the implications of these images for human society. Students are expected to attend several events outside the regularly scheduled class time.
Prerequisite: Enrollment in Freshman Learning Communities program
3 credits

LRN 131-G Thinking About Science
First course of a two-semester sequence exploring the history and philosophy of science from a broad cross-disciplinary background, providing humanities and social sciences perspectives on the students’ other courses while laying the foundation for future academic success by fostering critical and conceptual skills through collaborative research projects. The course considers questions about the nature and scope of scientific method, as well as the ethical and political issues that emerge when science is considered as a social institution. Students are expected to attend several events outside the regularly scheduled class time.
Prerequisite: Enrollment in Freshman Learning Communities program
3 credits

LRN 132-F Thinking About Biology
Second course of a two-semester sequence exploring the history and philosophy of science from a broad cross-disciplinary background, providing humanities and social sciences perspectives on the students’ other courses while laying the foundation for future academic success by fostering critical and conceptual skills through collaborative research projects. The course focuses specifically on critical theoretical and social issues in the history and philosophy of biology. Students are expected to attend several events outside the regularly scheduled class time.
Prerequisite: Enrollment in Freshman Learning Communities program
3 credits

LRN 134 Contemporary Issues in Medicine and Biology
A one-credit seminar focusing on contemporary issues in medicine and biology. May be repeated for credit as the topic changes.
Corequisite: WRT 102
1 credit

LRN 141-G Perspectives from the Humanities
The first course in a two-semester sequence for students participating in the Freshman Learning Communities interested in information technology. The course provides an interdisciplinary introduction to key methods and ideas in the humanities. Topics may include the varieties of knowledge, the nature of personal identity, ethics, aesthetics, and others.
Prerequisite: Enrollment in Freshman Learning Communities program
3 credits

LRN 142-H Technology in Social Perspective
The second of a two-semester sequence for students participating in the Freshman Learning Communities interested in information technology. The course focuses on case studies on the interaction of technology and society. Topics may include the history of technology, ideas of progress and growth, the influence of economics on technological development, environmental impacts, and others.
Prerequisite: Enrollment in Freshman Learning Communities program
3 credits

LSE Living/Learning Center: Science and Engineering
LSE 201 Opportunities in Science and Engineering
A survey of the various science and engineering disciplines. Guest speakers describe their respective fields of research and study and the opportunities for students entering the field today. Other topics include ethics, intellectual property and entrepreneurship.
The interdisciplinary nature of science and technology is emphasized.
1 credit

LSE 310-H Current Issues in Science and Engineering
A study of the issues and events that confront scientists and engineers today. Student presentations and student-led discussions cover such topics as ethics, social responsibilities, the environmental impact of technology and the economics of research and technology.
3 credits

LSE 320-H Future Trends in Science and Engineering
A study of forecasts for developments in science and engineering in the 21st century and their predicted effects on society. Predictions about science and engineering from the early 20th century and their accuracy today. Readings and student-led discussions on essays written by leading scientists and engineers concerning predictions in their fields during the next century. Includes several presentations made by science and engineering faculty on their current research, focusing on the long-term effects of their research on their discipline and on society. Several research papers by students will be required.
Prerequisites: U3 or U4 standing; one course in science or engineering
4 credits

LSE 475 Undergraduate Teaching Practicum
Students work with the instructor in an LSE course in leading discussion sections, helping students improve research skills, or assisting with the educational program presented as part of coursework. Students meet regularly with the supervising instructor.
Prerequisites: U3 or U4 standing; permission of instructor and director of the minor
3 credits, S/U grading

MAE Mathematics Teacher Preparation
MAE 301 Foundations of Secondary School Mathematics
A re-examination of elements of school mathematics, including topics in algebra, geometry, and elementary functions. Competence in basic secondary-level ideas and techniques are tested.
Prerequisites: MAT 200 and 211; admission to mathematics or applied mathematics secondary teacher preparation program
Corequisite: MAE 311
3 credits

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