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
1 credit

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 discussion 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
3 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