

DEPARTMENT OF LINGUISTICS AND COGNITIVE SCIENCE

GRADUATE PROGRAM POLICIES

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PHD IN LINGUISTICS

Admission Requirements

Applicants to the M.A and Ph.D programs are required to submit the following:

- A completed application form;
- Official transcripts from all previous universities or colleges;
- GRE scores (a minimum of 299 on verbal and quantitative sections combined is required; the analytical score is also considered);
- Three letters of recommendation;
- A personal statement describing interests and objectives;
- A writing sample. This can be a paper from previous course work or from original published or unpublished research that demonstrates the ability to use the methods of research and inquiry that characterize scholarship in linguistics, cognitive science, or other related scientific disciplines.

Foreign students whose language of education is not English must also arrange to have original TOEFL scores submitted; a minimum score of 100 on the IBT (600 on the paper-based test, or an equivalent IELTS score of 7.0) is required for admission. Foreign students who hold a university degree from an institution in an English-speaking country are not required to submit TOEFL scores. Foreign students whose native language is not English and who are awarded a teaching assistantship must successfully complete the University's ITA program.

Please note: The ETS University of Delaware institution code is 5811. NO DEPARTMENT CODE IS NEEDED FOR OUR INSTITUTION. For TOEFL, list the department code as 01.

Admission to the graduate program is competitive. Those who meet the stated requirements are not guaranteed admission, nor are those who fail to meet all of those requirements necessarily precluded from admission if they offer other appropriate strengths.

Degree Requirements, PhD in Linguistics

Students are required to take a minimum of 60 credits beyond the B.A./B.S.:

- 51 credits in courses proper;
- 9 credits in dissertation research.

Students entering with an M.A./M.S. in an appropriate area as determined by the department must take a minimum of 30 credits: 21 in courses proper and 9 in dissertation research. All transfer credit must be in accord with the rules of the Graduate College; approval of transferred

degrees and courses is at the discretion of the Committee on Graduate Studies of the Department of Linguistics and Cognitive Science.

Included in the 51 credits must be the following:

1. All students must take (for a letter grade, not as Listener or Pass/Fail):

1. LING 607 Phonology I
2. LING 609 Syntax I
3. LING 608 Phonology II
4. LING 610 Syntax II
5. CGSC 697 Experimental Linguistics

2. Students must also take at least three 800-level seminars (nine credits), two in Linguistics and one in either Linguistics or Cognitive Science.

3. Students must also take 27 credits (nine courses) of Linguistics or related courses, chosen in consultation with the student's advisor and the Director of Graduate Studies.

4. Students must also satisfy all the requirements for academic progress as specified in the academic progress policy guidelines found at www.udel.edu/gradoffice/polproc/#policies. No course can satisfy two requirements. Transfer credit for these requirements may be accepted, but only under the conditions stated above.

A maximum of 6 credits in independent study is normally permitted during the entire course of study. All independent study must be taken at the 800-level. No independent study will substitute for required courses. Students working in laboratories who are not RAs may take up to six additional independent study credits and have those credits count toward the total credits needed for the PhD. In other cases students may petition the Graduate Committee to have independent studies count toward the total.

Students may substitute other courses for those listed above only by petitioning in writing the Director of Graduate Studies. The substitution must be approved by the departmental Committee on Graduate Studies.

Other requirements for the degree:

Qualifying Papers

Students are required to submit two Qualifying Papers that are judged to be substantial and meet professional standards of scholarship by the Qualifying Paper committee, which consists of the primary advisor for the paper and a second reader. The two papers must be in distinct areas of linguistics, and no faculty member can serve as the primary advisor for both papers. A substantial draft of the first paper must be submitted to the student's qualifying paper advisor by the end of the Fall semester of the second year. The advisor must certify to the Committee on Graduate Studies that an acceptable draft has been submitted. By the end of the student's second year, the final version of the first paper must be submitted and approved by the advisor and the Committee on Graduate Studies. A substantial draft of the second paper must be submitted to the student's qualifying paper advisor by the end of the Fall semester of the third year. The advisor must certify to the Committee on Graduate Studies that an acceptable draft has been submitted.

By the end of the student's third year, the final version of the second paper must be submitted and approved by the advisor and the Committee on Graduate Studies.

Students who do not comply with these deadlines will no longer be considered to be in good academic standing, which may result in the discontinuation of the students' funding. If one semester passes without a student meeting these deadlines, the student will be dismissed from the program. Students may petition in writing the Graduate Committee for an extension to these deadlines. The petition must be submitted prior to the deadlines and should explain any exceptional circumstance which made the timely completion of the requirement impossible. Petitions should also include a supporting letter from the academic advisor.

The Committee on Graduate Studies will appoint an evaluation committee for the paper. Possible grades are Pass, Revise, and Fail. The grade of Revise indicates that in the judgment of the committee, the paper will be acceptable with revision. The grade of Fail indicates that the student should submit a different paper to meet the requirements. Students whose paper has received the grade of Revise or Fail will be allowed one semester to satisfactorily complete the requirement for the research paper. Course papers may be submitted as a qualifying paper, but a grade of A in a course does not imply that the paper is acceptable as a qualifying paper.

Faculty will evaluate QPs based on criteria in the assessment form, which is downloadable under **faculty resources**.

Advanced Seminars

Both before and after advancement to candidacy, all students are expected to participate in advanced courses and research forums. Specifically, all students who have not yet advanced to candidacy are required to enroll in at least one advanced seminar at the 3-credit level per semester; all students who have advanced to candidacy and are in sustaining status are required to register for one advanced seminar at the 0-credit level per semester. All students are expected to participate in other research forums related to the student's area of specialization (e.g., departmental colloquia, brown bag or lab meetings).

Dissertation Prospectus

The final requirement for admission to candidacy is the acceptance of the Dissertation Prospectus. Before the Fall semester of their fourth year, each student must choose a dissertation director, form a dissertation committee, and submit a Dissertation Prospectus for approval. The dissertation director must hold a primary appointment in the Department of Linguistics and Cognitive Science or be approved by the Committee on Graduate Studies. There must be at least three other members, chosen by the student, that are acceptable to the dissertation director, one of whom must be outside the student's major area. At least 50 percent of the committee members must have primary appointments in the Department of Linguistics and Cognitive Science. In all cases the committee must be approved by the Chair of the Department of Linguistics and Cognitive Science. Any changes to the committee after it has been formed must also be approved by the Department Chair.

The dissertation committee will meet with the student to examine the proposal and the qualifications of the student to carry out the proposed research. The results of this review will be acceptance into candidacy or a re-examination to be held at a later date to be determined by the dissertation director. The committee may also require further course work if deficiencies are found.

Students whose research proposals involve human volunteers must comply with all University and governmental requirements, including obtaining human subjects approval from the University's Office of the Vice Provost for Research.

Admission to Doctoral Candidacy

A student who has advanced to candidacy has completed all of the requirements for the Ph.D. apart from the dissertation. Once a student has advanced to candidacy and completed the minimum number of dissertation credits, it is possible to enroll with 'sustaining' status. In order to advance to candidacy, all of the requirements listed above must be completed.

As part of the Ph.D. requirements, students must also complete 9 credits of dissertation research. 9 credits of pre-candidacy study may also count towards satisfying this requirement, provided that they are taken no earlier than the full semester immediately preceding advancement to candidacy.

Dissertation

Students who have completed all of the above requirements are allowed to write the dissertation. The dissertation director has the responsibility of distributing the dissertation to the readers in ample time for the dissertation to be read adequately; the director also must see to it that the dissertation committee meet when necessary as a group to discuss the progress of the dissertation. The committee is to administer a final oral defense of the dissertation. Certification of successful defense is then submitted to the Office of Graduate Studies of the University.

Assessment of Academic Progress

In addition to the academic progress policy guidelines of the Office of Graduate and Professional Studies (www.udel.edu/gradoffice/polproc/#policies), the Graduate Committee closely evaluates students' progress each semester, based on the students' performance in classes, timely satisfaction of program requirements, performance as teaching or research assistants (if applicable), conference presentations, publications, and other qualitative factors that demonstrate progress towards successful research and scholarship.

Students taking the basic courses specified above (Phonology 1-2, Syntax 1-2, Experimental Linguistics) are evaluated twice a semester, at midterm and at the end of the semester. The instructor reports midterm and final grades to the Director of Graduate Studies. Students must receive a minimum grade of B in each of these courses. If a student receives a grade below a B in any of these courses, their case is evaluated by the Graduate Committee within two weeks of final grades being posted. The Graduate Committee will decide on one of two remedies: (1) The student will be immediately dismissed from the program. (2) The student will be allowed to move on in the program, but will be considered to be on probation during the next semester. All requirements and deadlines must be met by a student on probation or they will be subject to dismissal at the end of the semester. If all requirements and deadlines for that semester are met they will be removed from probation and will be in good academic standing again.

When the Graduate Committee finds a student's performance less than satisfactory, the student will receive a letter stating the reasons for the concern and what the student must do to improve performance. Lack of sufficient improvement/progress after two or more warning letters may result in discontinuation of the student's funding or dismissal from the program.

Termination for Failure to Fulfill the Requirements

As described under individual requirements above, students who do not successfully complete any of the requirements may be terminated from the program. Students can grieve termination for failure by a written application to the Committee on Graduate Studies within 14 days of notification of failure.

Course Load and Advisement

All full-time students are expected to register for four courses (12 credit hours) a semester. Students are required to pre-register for a full-time load each semester in consultation with their advisor, so that the Department can plan for adequate course offerings.

All students will be assigned a temporary first-year advisor when they enter the program. Since it is important for students to begin to work with faculty members in their area of specialization as early in their academic career as possible, students are encouraged to choose an advisor in their area of specialization as early as their second semester of study and are *required* to do so by the beginning of the third semester. Students are free to change advisors at any time, but are required to inform department staff of the change.

The departmental Committee on Graduate Studies will continue to monitor students' progress throughout their program of study. Each year, by January 1, students should submit a progress report (using the Yearly Progress Report form attached below) to the Committee on Graduate Studies via their advisor. The Committee on Graduate Studies will meet to discuss and evaluate the progress of every student in the program. The results of this procedure will be communicated to the students.

Financial Aid

The Department of Linguistics and Cognitive Science offers a small number of teaching assistantships, graduate assistantships, and/or research assistantships to Ph.D. students only. The awards are granted to full-time students, normally for four years (the amount of time a full-time student needs to complete the Ph.D.), and are renewed each year based on satisfactory progress in the program.

Students funded by the department normally work as TAs/graders for undergraduate courses or RAs in a lab setting. The Linguistics Department therefore requires that first-year students whose native language is not English successfully complete the University's ITA program and pass the UDIA and the University's Speak Test with a score of 45. The ITA program is administered in August and January; we strongly advise students to complete it in August. Students must score 50 or higher on the Speak Test by the start of their second semester and need to establish proof of their English proficiency by retaking the University UDIA and SPEAK tests, scoring 250 and 55, respectively by the start of their second year, or they will not continue to receive funding.

Students who are appointed as TAs on a nine-month contract are expected to work an average of 20 hours per week, except during official university holiday breaks (Dec 22- Jan 2/3) and the week of Spring Break. All other absences from campus (for example, extended absences during the winter term) have to be approved by the departmental Committee on Graduate Studies.

All students are evaluated for their academic performance in early February of each year. Students should download and fill out the attached form and send the form via email to their advisors.

In addition, students on TA contracts are evaluated in early February of each year by the Director of Graduate Studies; students on RA contracts are evaluated by their research supervisor.

Evaluations have to be forwarded to the Director of Graduate Studies and the Department Chair. TA and RA support can be discontinued if the evaluations are not satisfactory.

MA IN LINGUISTICS AND COGNITIVE SCIENCE

The M.A. Program in Linguistics and Cognitive Science and the Ph.D. Program in Linguistics

The Department of Linguistics and Cognitive Science offers programs leading to the M.A. degree in Linguistics and Cognitive Science and the Ph.D. in Linguistics. The M.A. in Linguistics and Cognitive Science, established in 1994-1995, allows students to design a program of study in linguistics and cognitive science, for example, theoretical linguistics, applied linguistics (including teaching English as a second language), descriptive linguistics, language and cognition, the linguistic, psychological, philosophical, evolutionary, and computational bases of cognition, psycholinguistics, and the study of endangered and underdescribed languages (linguistic field methods, language typology, language documentation). The Ph.D. in Linguistics, established in 1985, is designed to furnish students with a solid background in theoretical linguistics as well as to direct them to advanced study in a particular area of specialization. Areas for Ph.D. specialization include theoretical linguistics (syntax, semantics, phonology, morphology), psycholinguistics (cognitive science, first and second language acquisition, language processing, neurolinguistics), computational linguistics, and the study of endangered and underdescribed languages (linguistic field methods, language typology, language documentation).

The Program in Cognitive Science

The academic program in Cognitive Science, established in 1995, is administered by the Department of Linguistics and Cognitive Science. See below for information regarding the M.A. in Linguistics and Cognitive Science. While there is no Doctoral degree in Cognitive Science, the Ph.D. in Linguistics allows a secondary specialization in certain aspects of Cognitive Science and students can obtain a Certificate in Cognitive Science.

Admission Requirements

Applicants to the M.A and Ph.D programs are required to submit the following:

- A completed application form;
- Official transcripts from all previous universities or colleges;
- GRE scores (a minimum of 299 on verbal and quantitative sections combined is required; the analytical score is also considered);
- Three letters of recommendation;
- A personal statement describing interests and objectives;
- A writing sample. This can be a paper from previous course work or from original published or unpublished research that demonstrates the ability to use the methods of research and inquiry that characterize scholarship in linguistics, cognitive science, or other related scientific disciplines.

Foreign students whose language of education is not English must also arrange to have original TOEFL scores submitted; a minimum score of 100 on the IBT (600 on the paper-based test, or an equivalent IELTS score of 7.0) is required for admission. Foreign students who hold a university

degree from an institution in an English-speaking country are not required to submit TOEFL scores. Foreign students whose native language is not English and who are awarded a teaching assistantship must successfully complete the University's ITA program.

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Admission to the graduate program is competitive. Those who meet the stated requirements are not guaranteed admission, nor are those who fail to meet all of those requirements necessarily precluded from admission if they offer other appropriate strengths.

Degree Requirements

The M.A. in Linguistics and Cognitive Science

The M.A. in Linguistics and Cognitive Science is a flexible program of study that provides training in both Linguistics and Cognitive Science. Separate areas of specialization are provided below for students whose emphasis is clearly in Cognitive Science or in Linguistics (in either Applied or Theoretical Linguistics). In addition, students may propose a program of study that combines elements of the Linguistics and Cognitive Science areas of specialization. Such individualized programs of study must consist of 30 credit hours planned in consultation with the student's advisor and the Director of Graduate Studies or the Cognitive Science Graduate Advisor. These credits must include at least 21 credit hours in Linguistics or Cognitive Science courses and at least one 800-level seminar in Linguistics or Cognitive Science.

Cognitive Science Specialization Area

The Cognitive Science Specialization Area is appropriate both for students whose ultimate goal is to obtain a Ph.D. in a Cognitive Science discipline and for those who wish a terminal master's degree. For an M.A. in the Cognitive Science Specialization Area, students must complete 30 credit hours planned in consultation with the student's advisor.

These credit hours must include at least CGSC 670 (Elements of Cognitive Science), one 800-level seminar in Cognitive Science, and six courses (18 credits) distributed over one or more of the following areas: Human cognition, The Structure of Human Language, Computation and Cognition, Cognitive Psychology, and Neuroscience. A complete list of courses can be found on the Department of Linguistics and Cognitive Science website and can be obtained from the student's advisor each semester.

Please see the list of courses in Cognitive Science provided at the bottom of this document.

Linguistics Specialization Area (Theoretical Linguistics and Psycholinguistics)

The Linguistics Specialization Area is appropriate both for students who wish to obtain a Ph.D. in Linguistics and for those who wish a terminal master's degree.

To acquire an understanding of the basic concepts of linguistics, students must take at least three courses out of the following core courses in Linguistics:

1. LING 604 Structure of Language
2. LING 603 Introduction to Phonology
3. CGSC/LING 618 Meaning and Language Use; or CGSC 690 Meaning and Reference
4. CGSC 696 Psycholinguistics

In addition, students must take at least one advanced course in Linguistics. The following courses count as advanced courses:

1. LING 608 Phonology II
2. LING 610 Syntax II
3. Any 800-level courses offered in the Dept. of Linguistics

Appropriate substitutions may be made with the approval of the student's advisor and the Director of Graduate Studies. The remaining 18 hours of courses are to be selected in consultation with the student's advisor.

Applied Linguistics & ESL Area of Specialization

The Applied Linguistics and ESL **Area of Specialization** is appropriate for students who wish to obtain a master's degree in applied linguistics. Note: ESL certification for K-12 is not available in this program. Students who wish to obtain certification for teaching ESL should apply to the M.A. program in TESL in the School of Education.

Students in this Area of Specialization are required to take the following 12 credit hours of core courses:

1. Ling 672 Methods of Teaching English as a Second Language
2. Ling 677 Structure of English
3. Ling 603 Introduction to Phonology
4. Ling 676 Second Language Acquisition and Bilingualism

In addition to the 12-credit core, students must take at least one advanced course in Linguistics.

Any 800-level courses offered in the Department of Linguistics and Cognitive Science count as an advanced course. Appropriate substitutions may be made with the approval of the student's advisor.

An additional 18 hours of courses in the specialization area are to be selected from available courses in applied linguistics, TESL, second language acquisition, psychology, and education. A list of suggested courses is found below.

LING 618 Meaning and Language Use

LING 644 First Language Acquisition

LING 675 Language Acquisition

LING 680 Introduction to Sociolinguistics

LING 622 Language Syllabus Design

LING 624 Second Language Testing

LING 621 Methods of Teaching Foreign Languages

LING 622 Language Syllabus Design

CGSC 696 Psycholinguistics

EDUC 613 Adolescent Development and Educational Psychology

EDUC 740 Literacy Instruction for English Language Learners

EDUC 741: Diversity in ESL Classrooms

EDUC 647 Advanced ESL Teaching Methods, Design and Strategies

EDUC 742: Practicum in TESL

Please note that most courses are offered only once a year. Please consult the MA advisor during the preregistration period.

COMBINED BS/BA AND MA OPTION

Combined B.S./B.A. and M.A. Option*

Qualified undergraduate students in the in the B.S. in Cognitive Science or B.A. in Linguistics, as well as students completing a Bachelor's degree in related fields like Anthropology, Computer and Information Science, Philosophy and Psychology (and other fields by application) may apply for the Combined B.S./B.A and M.A. option, which combines the requirements of the undergraduate and master's degree programs in Cognitive Science (or Linguistics) and Linguistics and Cognitive Science. Whereas the traditional programs for the B.S. and M.A. degrees in Cognitive Science, and Linguistics and Cognitive Science involve 4 years of undergraduate work and 2 years of graduate work, the Combined B.S./B.A. and M.A. option enables students to earn both degrees in a 5-year period. Students who complete the Combined B.S./B.A. and M.A. program will graduate with both a Bachelor of Science degree in Cognitive Science (or a B.A. degree in Linguistics) and a Master of Arts degree in Linguistics and Cognitive Science. Students who are candidates for the Combined B.S./B.A. and M.A. option, and who complete the requirements for the B.S./B.A. but fail to complete the additional M.A. requirements, will receive the B.S. or B.A. degree.

*Please note that the M.A. degree is a degree in Linguistics and Cognitive Science. The M.A. program is not a professional program in Speech Pathology, and does not offer a concentration in Speech Pathology.

Admission into the Combined B.S. / B.A and M.A. Program

The application process requires submission of a completed graduate application form online by using the following link: <http://www.udel.edu/gradoffice/apply/index.html>

The Departmental Graduate Studies Committee will review all applicants on a rolling basis. To ensure that all of the requirements for both degrees can be fulfilled, the ideal time for students to apply for admission to the combined B.S./B.A. and M.A. program is at the end of the sophomore year, however, applications at other times will also be considered.

At the time of application, the student must have completed, or be currently enrolled in, at least the following courses: LING101, CGSC170 and two additional 400-level LING or CGSC courses.

Initial admission will be based upon the following:

1. SAT or ACT scores used for admission to UD
2. An undergraduate GPA of at least 3.25
3. Personal Statement specifically addressing interest in the 4+1 program
4. Writing Sample
5. Two letters of recommendation from UD faculty

Admission is competitive so meeting the minimal requirements for admission does not guarantee admission nor does the failure to meet a requirement result in an automatic rejection.

* Note: The GRE is not required for admission to the Combined B.S. / B.A. and M.A. program by UD undergraduates.

Maintaining Status within the Program

Upon admission into the program, the student will meet with the 4+1 advisor and the M.A. advisor to develop a preliminary program of study, including elective courses. The student will then, for the duration of the program, meet with either advisor prior to registration for each of the semesters leading to completion of the combined B.S./B.A. and M.A. program.

Continuation in the 4+1 program is contingent upon maintaining a cumulative GPA of at least 3.25 in undergraduate courses with CGSC and LING designations and in graduate coursework. Satisfactory progress also includes appropriately following the prescribed program of study.

Students who fail to meet the minimum GPA requirements or fail to show progress toward the degree will be placed on probation, and if the situation is not corrected by the next semester, will be removed from the Combined B.S./B.A. and M.A. program. They may, however, continue in the undergraduate major unless their undergraduate progress is unsatisfactory according to the rules in effect for their undergraduate program.

Students are strongly encouraged to finish the undergraduate portion of their 4+1 program before starting the final graduate year. Students should also be aware of the fact that after eight semesters of studies as undergraduate students they will be charged graduate tuition.

Degree Requirements for the Combined B.S. / B.A. Degree and Master of Arts in Linguistics and Cognitive Science Degree

Students in the combined B.S. / B.A. Degree and Master of Arts in Linguistics and Cognitive Science Degree must complete the full 124 credit hours of the B.S./B.A. undergraduate major as well as the full thirty credit hours of the M.A.

See the description of the [**M.A. in Linguistics and Cognitive Science**](#) for requirements of that component of the program.

Course Overlap and Substitutions

In the event that a student in the combined B.S./B.A. and M.A. program completes – as an undergraduate – a required graduate course or other 400-level course with content very similar to a 600-level course and elects to count that course toward the bachelor's degree, s/he will be permitted to substitute another appropriate graduate course for the MA.

Similarly, when a student completes a 400-level undergraduate course that has content very similar to that of a parallel 600-level graduate course, s/he may substitute another appropriate graduate course for the M.A.

All course substitutions must be made in consultation with the student's advisor(s).

CERTIFICATE IN COGNITIVE SCIENCE

Graduate students in the Linguistics and Cognitive Science department may be interested in pursuing a certificate in cognitive science. The study of cognitive science is inherently interdisciplinary. While graduate students can always, in principle, engage in cross-departmental interdisciplinary research, the University of Delaware's certificate program is meant to serve as a catalyst to inspire students to escape their disciplinary boundaries and acquire new skills in adjoining programs.

THE CERTIFICATE IN COGNITIVE SCIENCE

The study of cognitive science is inherently interdisciplinary. While graduate students in constituent departments can always, in principle, engage in cross-departmental interdisciplinary research, our certificate program is meant to serve as a catalyst to inspire students to escape their disciplinary boundaries and acquire new skills in the adjoining programs.

Certificate requirements

To obtain a certificate students must:

1. Complete 15 credits of graduate level courses from the approved list below
2. Complete 9 to 12 hours outside their home department
3. Submit a plan of study to the cognitive science certificate steering committee as early as possible. Students must have completed no more than six credits of course work towards the certificate when the plan of study is presented. The plan, which should be developed in consultation with the student's major advisor, must be accompanied by a cohesive rationale for the specific set of courses included in the plan. The plan must designate a member of the faculty from one of the relevant departments other than the student's home department as certificate advisor, who must approve the plan of study

Application and completion of the certificate

When applying to complete a certificate students should:

1. Fill out their [Plan of Study](#) and send it electronically (a scanned copy will do) to cog-sci@udel.edu for approval. The space for the "Certificate Advisor" should be left blank.

2. Once the form is reviewed by the steering committee, the student will be notified via email whether the plan is approved; if it is, the student will receive an electronic copy of the signed form and some feedback if the plan needs to be revised.
3. When the plan has been carried out, the student should fill out an [Application for Graduate Certificate Form](#) and submit it to the [Program Director](#), along with a short (1- to 2-page) document that illustrates how the coursework mentioned in the plan contributed to the student's research. Unless revisions are necessary, the signed form is returned to the student who can then take it to the [Graduate Office](#).
4. Once the form is processed by the Graduate Office, the student will receive the certificate upon graduation.

Approved courses

Anthropology

- ANTH666 Independent Study

Computer & Information Sciences

- CISC601 Elements of the Theory of Computation
- CISC681 Artificial Intelligence
- CISC689 Machine Learning
- CISC886 Multi-Agent Systems

Education

- EDUC665 Elementary Statistics
- EDUC802 Seminar in Reading
- EDUC807 Writing Processes in Educational Settings
- EDUC812 Regression and Structural Equation Modeling
- EDUC816 Literacy Problems
- EDUC817 Individual Intelligence Testing
- EDUC820 Contexts for Learning
- EDUC821 Cognition and Instruction
- EDUC823 Learning and Development
- EDUC833 Research and Theory of Mathematics Learning
- EDUC834 Research and Theory of Mathematics Teaching
- EDUC835 Research and Theory of Mathematics Curriculum
- EDUC848 Language Acquisition
- EDUC856 Introduction to Statistical Inference
- EDUC862 Design and Analysis of Experiments
- EDUC865 Educational Measurement Theory
- EDUC870 Child Neuropsychology
- EDUC873 Multilevel Models in Education
- EDUC874 Applied Multivariate Data Analysis

Linguistics & Cognitive Science

- CGSC604 Animal Minds
- CGSC610 Embodied cognition
- CGSC618 Meaning and Language Use
- CGSC620 Research Methods in Cognitive Science
- CGSC633 Introduction into Acoustic Phonetics
- CGSC650 Recent Topics in the Philosophy of Mind
- CGSC651 Topics in Cognitive Science
- CGSC670 Elements of Cognitive Science
- CGSC671 Discovering Human Language: Introduction to Field Linguistics
- CGSC685 Seminar in Cognitive Science
- CGSC696 Psycholinguistics
- CGSC850 Topics in Experimental Methods
- CGSC890 Studies in Linguistics
- LING604 Structure of Language
- LING651 Logical Structures in Language
- LING667 Computational Linguistics
- LING691 Semantics
- LING890 Studies in Linguistics
- LING861 Topics in Phonology
- LING862 Acquisition in Phonology
- LING/CGSC866 Independent Study (needs approval from steering committee based on topic)

Mathematical Sciences

- MATH611 Numerical Analysis
- MATH630 Probability Theory and Applications
- MATH672 Vector Spaces

Mechanical Engineering

- MEEG624 Dynamic Systems Analysis
- MEEG671 Introduction to Robotics
- MEEG873 Applied Nonlinear Control

Physical Therapy

- PHYT623 Clinical Neuroscience

Philosophy

- PHL866 Special Problems

Psychology

- NSCI631 Current Topics in Neuroscience / Learning, Memory & Brain / Developmental Behavioral Neuroscience / Seminar on Spatial Cognition / Stress and the Brain
- NSCI629 Integrative Neuroscience
- PSYC642 Mental Representation and Memory
- PSYC667 Seminar: Visual Cognition / Language and Cognition / Early Perceptual-Cognitive Development
- PSYC806 Social Cognition
- PSYC809 Research Design
- PSYC860 Psychological Statistics
- PSYC867 Cognition, Emotion & Individual Differences