

## LGCS 191: Senior Thesis in Cognitive Science

A senior thesis is an original and substantive research project conducted under the close supervision of a faculty member. In the first semester, students will write a comprehensive review and summary of relevant literature, culminating in a description of the proposed research. In the second semester, students will finalize their experiment methodology, collect data, analyze and interpret the results, and write a scientific paper describing the experiment.

Students are required to communicate frequently and work closely with their advisor during both semesters of LGCS 191. LGCS 191 is a letter-graded course, so students should talk with their thesis advisor about how the thesis will be graded. Students should have regular meetings with their advisor, and they should set deadlines to submit drafts of thesis work to their advisor for feedback. Departmental due dates are shown below in red, but students and their advisors can set other due dates throughout the semester (see highlighted cells for a few examples).

### First semester of thesis:

<b>TBD</b>	Senior thesis information meeting
<b>By end of 2<sup>nd</sup> week of classes</b>	Confirm senior thesis advisor and discuss possible thesis topics with them.
<b>By add/drop deadline</b>	Register for LGCS 191 under your thesis advisor's name
	A list of references (minimum 20) that will be the basis for your literature review
	First draft of literature review due
<b>TBD</b>	Mid-semester check-in meeting
<b>TBD</b>	Final literature review due
<b>By end of semester</b>	Have at least one meeting with the statistics consultant during the semester

### Second semester of thesis:

<b>TBD</b>	Senior thesis information meeting
<b>By add/drop deadline</b>	Register for LGCS 191 under your thesis advisor's name
	Apply for IRB approval if your project is not covered by your thesis advisor's current IRB
	Have your experiment set up
	Collect data for your experiment
	First draft of senior thesis due
<b>TBD</b>	Mid-semester check-in meeting
<b>TBD</b>	Completed senior thesis due
<b>By end of semester</b>	Have at least two meetings with the statistics consultant during the semester
<b>TBD</b>	Poster presentation of thesis