Language Science, B.A.

The B.A. in Language Science provides students with an interdisciplinary foundation in the scientific study of language, including its mental representations, its development and use, and its biological basis.

Students completing the B.A. in Language Science combine interests in theoretical linguistics, language development and use, the advanced study of natural or formal languages, and some combination of neuroscience, psychology, logic, computer science, anthropology, education, and hearing and speech sciences. In the process of relating these interests to the scientific study of language and its applications, students develop an understanding of the analytical tools of formal language study.

Graduates have an interdisciplinary language science background that makes them attractive for a variety of careers, including teaching, language technology industry positions, teaching English as a second language abroad, interpreting and translation, technical writing, language consulting for legal firms and medical practices, and advertising, among many others.

This foundation in formal and applied language science also prepares graduates for graduate and professional programs in any of the areas related to languages science, including speech-language pathology, linguistics, cognitive science, cognitive neuroscience, developmental psychology, natural language processing, and education.

All students must meet the University Requirements (http://catalogue.uci.edu/informationforadmittedstudents/requirementsforabachelorsdegree/).

All students must meet the School Requirements (http://catalogue.uci.edu/schoolofsocialsciences/#schoolrequirementstext).

Core
A. Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSCI 3</td>
<td>Introduction to Linguistics</td>
</tr>
<tr>
<td>LSCI 10</td>
<td>Introduction to Phonology</td>
</tr>
<tr>
<td>LSCI 20</td>
<td>Introduction to Syntax</td>
</tr>
<tr>
<td>LSCI 43</td>
<td>Introduction to Symbolic Logic</td>
</tr>
<tr>
<td>LSCI 51</td>
<td>Acquisition of Language</td>
</tr>
</tbody>
</table>

B. Select two courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSCI 164A</td>
<td>Topics in Romance Languages</td>
</tr>
<tr>
<td>LSCI 164B</td>
<td>French Phonetics</td>
</tr>
<tr>
<td>LSCI 165B</td>
<td>Structure of Japanese</td>
</tr>
<tr>
<td>LSCI 172</td>
<td>History of English</td>
</tr>
<tr>
<td>SPANISH 113A</td>
<td>Spanish Phonetics</td>
</tr>
<tr>
<td>SPANISH 113B</td>
<td>Introduction to Spanish Linguistics</td>
</tr>
<tr>
<td>GERMAN 104</td>
<td>Topics in German Linguistics</td>
</tr>
<tr>
<td>LSCI 102</td>
<td>Formal Languages and Automata</td>
</tr>
<tr>
<td>LSCI 142</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>LSCI 145A</td>
<td>Elementary Set Theory</td>
</tr>
</tbody>
</table>

Any "3-level" non-English language course or any advanced level non-English language course.

Additional Core
C. Select five courses from any linguistics course that is not listed in section A, B, or D, including the courses below. At least three courses must be upper-division:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSCI 1</td>
<td>Languages of the World</td>
</tr>
<tr>
<td>LSCI 2</td>
<td>Discovering Language</td>
</tr>
<tr>
<td>LSCI 68</td>
<td>Introduction to Language and Culture</td>
</tr>
<tr>
<td>LSCI 111</td>
<td>Intermediate Phonology</td>
</tr>
<tr>
<td>LSCI 115</td>
<td>Introduction to Phonetics</td>
</tr>
<tr>
<td>LSCI 121</td>
<td>Intermediate Syntax</td>
</tr>
<tr>
<td>LSCI 143</td>
<td>Introduction to Formal Semantics</td>
</tr>
<tr>
<td>LSCI 145B</td>
<td>Metologic</td>
</tr>
<tr>
<td>LSCI 145C</td>
<td>Undecidability and Incompleteness</td>
</tr>
<tr>
<td>LSCI 151</td>
<td>Acquisition of Language II</td>
</tr>
<tr>
<td>LSCI 158</td>
<td>Language and the Brain</td>
</tr>
<tr>
<td>LSCI 168J</td>
<td>Improvisation, Language, and Culture</td>
</tr>
</tbody>
</table>
LSCI 168S  Language and Social Cognition  
A 199 course affiliated with the Language Science Program, or a research course, with a minimum 4 unit enrollment requirement.  

**Specializations**  
D. Select four courses from the following. Courses must come from at least two of the categories listed below:  

### I. Theoretical  
- LSCI 119  
  Special Topics in Phonetics/Phonology  
- LSCI 124  
  Current Topics in Syntactic Theory  
- LSCI 129  
  Special Topics in Syntax  
- LSCI 141  
  Topics in Philosophy of Language  
- LSCI 149  
  Special Topics in Semantics  
- LSCI 176  
  Introduction to Pidgins and Creoles  
- SPANISH 187  
  Selected Topics in Spanish Linguistics  

### II. Behavioral and Neuroscientific  
- LSCI 151B  
  Bilingual Acquisition  
- LSCI 151S  
  Second Language Acquisition  
- LSCI 159  
  Special Topics in Psycholinguistics  
- LSCI 165L  
  Language Change, Acquisition, and Complexity  
- LSCI 175  
  Language Origins: Evolution, Genetics, and the Brain  

### III. Computational  
- LSCI 107M  
  Computational Methods for Language Research  
- LSCI 109  
  Special Topics in Computational Linguistics  
- COMPSCI 142A  
  Compilers and Interpreters  
- COMPSCI 142B  
  Language Processor Construction  
- COMPSCI 171  
  Introduction to Artificial Intelligence  
- COMPSCI 177  
  Applications of Probability in Computer Science  

### IV. Applied  
- PSYCH 131B  
  Hearing  
- PSYCH 161H  
  Hearing and the Brain  
- PSYCH 141J-PSYCH 141K-PSYCH 141L-PSYCH 141M-PSYCH 141N-PSYCH 141O-PSYCH 141P-PSYCH 141Q-PSYCH 141R  
  and and and and and and and and  
- MUSIC 158A- 158B- 158C  
  Diction and Diction and Diction  
- EDUC 134  
  Teaching English Internationally  
- EDUC 151  
  Language and Literacy  
- BME 148  
  Microimplants  
- DRAMA 35  
  Speech for the Theatre  
- CHINESE 100A- 100B- 100C  
  Classical Chinese and Classical Chinese and Classical Chinese  
- JAPANSE 100A- 100B  
  Classical Japanese and Classical Japanese  
- EAS 125  

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1 Advanced non-English language courses are those requiring the highest level course in the relevant sequence as a prerequisite.  
2 May be used more than once. For example, a student could use 3A and 3B to satisfy both courses in section II. In addition, if a student places out of the 3-level in a language, the the Natural/Formal language requirement is satisfied by the courses placed out of.
May be a research course, whose numbering varies by department. Individual study may count for up to two of the additional core courses if taken for multiple quarters or with multiple faculty members affiliated with Language Science.