

Academic Map: Linguistics, Track Three: Computer Science

Department: Languages, Linguistics, Literatures, and Cultures **Degree:** BA
Program/Major: Linguistics
Track/Emphasis: Track Three: Computer Science
Does this program require a minor? (Yes/No) Yes¹

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <https://uca.edu/ubulletin/general-policies-information/uca-core/>
LD UCA Core Check Sheet: <https://uca.edu/academicbulletins/ld-uca-core/>
UD UCA Core Course List: <https://uca.edu/academicbulletins/ud-uca-core/>
Degree Requirements: <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>
Program Description: <https://uca.edu/ubulletin/colleges-departments/ca/languages/>
Course Descriptions: <https://uca.edu/ubulletin/courses/>

This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (https://uca.edu/academicbulletins/ld-uca-core/) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](https://uca.edu/academicbulletins/acts/) takes the user to the *Undergraduate Bulletin's* ACTS page (https://uca.edu/academicbulletins/acts/) for additional information and a UCA-ACTS crosswalk.

Scholarship recipients: Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 2.

Year 1

Fall – Semester 1 (credit hours: 15 or 16)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|---|--------|---------------------------|
| WRTG | 1310 | Introduction to College Writing | 3 | ENGL1013 |
| LING | 1310 | Language, Culture, and Society (recommended for LD UCA Core, Diversity/World Cultures [SS]) ³ | 3 | |
| MATH | 1390 | College Algebra ⁴ | 3 | MATH1103 |
| | | LD UCA Core, Inquiry/Analysis, American History/Government ³ | 3 | core link |
| | | Related Course Requirement: <u>Option One:</u> (A) CHIN or FREN or GERM or SPAN 2000 Level or level of placement ⁵ or (B) 1000-level course if required <u>Option Two:</u> Elementary I in Japanese or Chinese (JAPN 1310 or CHIN 1410) or level of placement ⁵ | 3 or 4 | acts link |

Spring – Semester 2 (credit hours: 17 or 18)

| SUBJ | NUM | TITLE | SCH | ACTS |
|--------------|--------------|---|--------|---|
| WRTG ENGL | 1320 1320 | Academic Writing and Research or Interdisciplinary Writing and Research or Other approved alternative (LD UCA Core, Research/Writing) ³ | 3 | ENGL1023 ENGL1023 core link |
| CSCI | 1470 | Computer Science I | 4 | |
| | | LD UCA Core, Life Science ³ | 4 | core link |
| COMM | 1300 | Principles of Communication or Approved alternative (LD UCA Core, Oral Communication) ³ | 3 | SPCH1003 core link |
| | | Related Course Requirement: <u>Option One</u> (A) 1000-level course if required <u>or</u> (B) 2000-level course <u>or</u> (C) General Elective <u>Option Two</u> (A) Elementary II (JAPN 1320 or CHIN 1420) in the same language as semester 1 <u>or</u> (B) Elementary I or level of placement ⁵ in a different language than semester 1 (SPAN 1310, FREN 1310, JAPN 1310 if not already taken ⁶) | 3 or 4 | acts link |

Year 2**Fall – Semester 3 (credit hours: 16)**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|--|-----|---------------------------|
| LING | 2320 | Introduction to Linguistics | 3 | |
| | | LD UCA Core, Responsible Living ³ | 3 | core link |
| | | LD UCA Core, Inquiry/Analysis (SS) ³ | 3 | core link |
| CSCI | 1480 | Computer Science II | 4 | |
| | | Related Course Requirement <u>Option One:</u> (A) 2000-level course if not completed previously <u>or</u> (B) General Elective <u>Option Two:</u> (A) If the language in semesters 1 and 2 was the same: Element- ary I or higher (level of placement ⁵) in a different language than se- mesters 1 and 2 <u>or</u> (B) If the languages in semesters 1 and 2 were different <i>and</i> neither level was Elementary II or higher: Elementary II or higher in either foreign language taken in semesters 1 or 2 ⁷ <u>or</u> (C) General Elective | 3 | acts link |

Spring – Semester 4 (credit hours: 16)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|--|-----|---------------------------|
| CSCI | 2320 | Data Structures | 3 | |
| | | LD UCA Core, Diversity/Creative Works (FA only) ³ | 3 | core link |
| LING | 2350 | World Languages (required in major; LD UCA Core, Inquiry/Analysis [HUM]) ³ | 3 | core link |
| LING | 3305 | Morphology | 3 | |
| | | LD UCA Core, Physical Science ³ | 4 | core link |

Year 3**Fall – Semester 5 (credit hours: 15)⁸**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|-----------------------------------|-----|------|
| LING | 3325 | Sociolinguistics (UD UCA Core: D) | 3 | |
| CSCI | 3345 | Human-Computer Interaction | 3 | |
| | | Minor ¹ | 3 | |
| | | Minor ¹ | 3 | |
| | | General Elective | 3 | |

Spring – Semester 6 (credit hours: 15)⁸

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|------------------------------------|-----|------|
| LING | 3315 | Semantics | 3 | |
| CSCI | | CSCI Elective, upper-division | 3 | |
| | | Minor ¹ | 3 | |
| | | Minor ¹ | 3 | |
| | | Minor, upper-division ¹ | 3 | |

Year 4**Fall – Semester 7 (Credit hours: 15)⁸**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|------------------------------------|-----|------|
| LING | 4350 | Phonology | 3 | |
| | | General Elective | 3 | |
| | | General Elective, upper-division | 3 | |
| | | Minor, upper-division ¹ | 3 | |
| | | Minor, upper-division ¹ | 3 | |

Spring – Semester 8 (Credit hours: 9–11)⁸

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|--|------------------|------|
| LING | 4345 | Syntax | 3 | |
| LING | 4110 | Capstone in Linguistics (UD UCA Core: Z) | 1 | |
| | | Minor, upper-division ¹ | 3 | |
| | | General Elective | 2–4 ⁹ | |

 SIGNED – DEPARTMENT CHAIR

 DATE

 SIGNED – COLLEGE DEAN

 DATE

To be completed by the advisor when an Eight-Semester plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. No Yes

If “yes,” specify: _____

Notes

¹ This Academic Map (AMAP) includes 24 credit hours in the Minor field of study. Minor requirements range from 15 to 26 credit hours. Depending on the minor selected, the student will need to adjust the number of general elective and minor elective credit hours in this AMAP. In choosing courses for the minor or for general electives, the student should also keep in mind the graduation requirement of at least 40 upper-division credit hours.

² See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

³ See appropriate choices, alternatives, or substitutions under “UCA Core” in the Undergraduate Bulletin. During the first year, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living. An approved UCA Core lab science and an approved UCA Core math course should be taken in the first two years if possible.

⁴ MATH 1390 is a prerequisite for CSCI 1470, required in this track.

⁵ If you have any prior language experience in Spanish, French, or German that is not AP language credit, please take the free language placement exam from any computer by visiting uca.edu/wlan/placement before registering for classes and enroll in the level of your placement. If you have prior language experience in Chinese or Japanese, please email lllc@uca.edu for placement. Your placement might also qualify you to apply for "Credit by Examination"--college credit for previous coursework--after passing your first language course. Email lllc@uca.edu to learn more. Students with no previous experience with a foreign language, and depending on the choice of Option One or Option Two, may need to enroll in up to six hours of lower-level instruction to prepare for this requirement. These courses are provided for in semesters 1 and 2. Work with your academic advisor to make any necessary adjustments.

⁶ GERM 1310 and CHIN 1410 are not offered during spring semesters.

⁷ GERM 1320 and CHIN 1420 are not offered during fall semesters.

⁸ Students are required to take upper-division courses that address outcomes in each of the four areas of the UCA Core: Diversity (D), Critical Inquiry (I), Communication (C), and Responsible Living (R). These courses may count as major, minor, or elective requirements, and one course may satisfy up to two Core requirements, as long as the outcomes for both areas are assessed. The UCA Core capstone requirement will, in addition to any disciplinary goals and outcomes, address certain UCA Core goals and outcomes in Critical Inquiry, Communication, and Collaboration. See entries in this Academic Map for courses within the major that fulfill the UD UCA Core requirements. Consult the *Undergraduate Bulletin* and your academic advisor for other available UD UCA Core courses.

⁹ The number of general elective credits in the final semester may be adjusted to complete 120 hours depending on the language choices made in semesters 1 and 2.