

Cognitive Science: Human and Artificial Intelligence

Catalog Year 2019-2020

Legend

*** Major Requirement**

Must be taken to fulfill major requirements.

† Major Elective

Must be taken to fulfill major requirements, or replaced with an equivalent course.

‡ Gen-Ed Requirement

Must be taken to fulfill general education requirements.

§ Elective

Can be chosen from a selection of courses.

See MyGFU for detailed academic requirements.

First Year

Fall Semester

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|---|-------------------|
| Calculus I (MATH 201) * | 4 credits |
| Knowing and Being Known (LIBA 100) ‡ | 3 credits |
| I Believe (THEO 101) ‡ | 3 credits |
| Communication GE Requirement (COMM 100) ‡ | 3 credits |
| History/Politics/International Studies GE Requirement ‡ | 3 credits |
| Semester Total | 16 credits |
| Cumulative Total | 16 credits |

Spring Semester

| | |
|-----------------------------------|-------------------|
| General Psychology (PSYC 150) * | 3 credits |
| Discrete Mathematics (MATH 260) * | 3 credits |
| I Believe (THEO 102) ‡ | 3 credits |
| Natural Science GE Requirement ‡ | 4 credits |
| Elective Credit ‡ | 3 credits |
| Semester Total | 16 credits |

Second Year

Fall Semester

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|---|-------------------|
| Introduction to Computer Science I (CSIS 201) * | 3 credits |
| Cognition (PSYC 370) * | 3 credits |
| HUMA 290 or Fine Arts GE Requirement ‡ | 3 credits |
| Elective Credit § | 6 credits |
| Semester Total | 15 credits |
| Cumulative Total | 47 credits |

Spring Semester

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|--|-------------------|
| Introduction to Computer Science II (CSIS 202) * | 3 credits |
| Psychology Statistics (PSYC 240) * | 3 credits |
| Lifelong Fitness GE Requirement (HHPA 120) ‡ | 2 credits |
| HUMA 205 or Philosophy & Literature GE Requirement ‡ | 3 credits |
| Elective Credits § | 6 credits |
| Semester Total | 17 credits |
| Cumulative Total | 64 credits |

Third Year

Fall Semester

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|---------------------------------|-------------------|
| Research Methods (PSYC 391) * | 3 credits |
| Data Structures (CSIS 310) * | 3 credits |
| Bible Elective GE Requirement ‡ | 3 credits |
| Elective Credit § | 6 credits |
| Semester Total | 15 credits |
| Cumulative Total | 79 credits |

Spring Semester

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|--|-------------------|
| Advanced Research Methods (PSYC 392) * | 3 credits |
| Human and Artificial Intelligence Elective † | 3 credits |
| Intercultural GE Requirement ‡ | 3 credits |
| Elective Credits § | 6 credits |
| Semester Total | 15 credits |
| Cumulative Total | 94 credits |

Fourth Year

Fall Semester

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| Senior Seminar (PSYC 490) * | 1 credits |
| Human and Artificial Intelligence Elective † | 3 credits |
| Engaging Christ in Transition (LIBA 400) ‡ | 3 credits |

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| Elective Credits § | 9 credits |
| Semester Total | 16 credits |
| Cumulative Total | 110 credits |

Spring Semester

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| Neuroscience (PSYC 320) * | 3 credits |
| Artificial Intelligence (CSIS 440) * | 3 credits |
| Elective Credits § | 10 credits |
| Semester Total | 16 credits |
| Cumulative Total | 126 credits |