Cognitive Science: Human and Artificial Intelligence

Catalog Year 2020-2021

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

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**
Cumulative Total	**32 credits**

Second Year

Fall Semester

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

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

Research Methods (PSYC 391) *	3 credits
Data Structures (CSIS 310) *	3 credits
Bible Elective GE Requirement ((THEO 215 or 315)) ‡	3 credits
Elective Credit §	6 credits
Semester Total	**15 credits**
Cumulative Total	**79 credits**

Spring Semester

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

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

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

Spring Semester

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