

# 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
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>16 credits</b>

#### 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
<b>Semester Total</b>	<b>16 credits</b>

## 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
<b>Semester Total</b>	<b>15 credits</b>
<b>Cumulative Total</b>	<b>47 credits</b>

### 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
<b>Semester Total</b>	<b>17 credits</b>
<b>Cumulative Total</b>	<b>64 credits</b>

## 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
<b>Semester Total</b>	<b>15 credits</b>
<b>Cumulative Total</b>	<b>79 credits</b>

### 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
<b>Semester Total</b>	<b>15 credits</b>
<b>Cumulative Total</b>	<b>94 credits</b>

## 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
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>110 credits</b>

### **Spring Semester**

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