

## B.S. Artificial Intelligence Degree

*This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.*

### First Year

Fall

Course	Prerequisite	Credit
UN 1015 Composition		3
Essential Education: Natural and Physical Science		3
CS 1131: Intro to Programming		5
CS 1000: Explorations in Computing		1
MA 1160: Calculus I		4
<b>Total</b>		<b>16</b>

Spring

Course	Prerequisite	Credit
Essential Education: Foundations of the Human World		3
Essential Education: Activities for Well-being and Success		1
DATA 1200: Data Science with Python	MA 1160	3
MA 2320: Linear Algebra	MA 1160	2
Focus Area / Tech Elective		3
Free Elective		3
<b>Total</b>		<b>15</b>

### Second Year

Fall

Course	Prerequisite	Credit
Essential Education: Arts & Culture		3
Essential Education: Activities for Well-being and Success		1
CS 2311: Discrete Structures	CS 1121, MA 1161	3
DATA 2201: Foundations of Data Science	DATA 1200, CS 1122, CS 2320, MA 2320	3
MA 2720: Statistical Analysis		3
Free Elective		3
<b>Total</b>		<b>16</b>

Spring

Course	Prerequisite	Credit
Essential Education: Intercultural Competency		3
CS 2321: Data Structures	CS 1122	3
CS 2800: Intro to AI Apps	CS 1121, CS 1122, DATA 1200	3
Focus Area		3
AI and Society		3
<b>Total</b>		<b>15</b>

### Third Year

Fall

Course	Prerequisite	Credit
Essential Education: Activities for Well-being and Success		1
CS 4811: Artificial Intelligence	CS 4861	3
CS 3141: Team Software	CS 2311, CS 2321	3
CS/AC 3xxx Cloud Computing		3
Focus Area		3
<b>Total</b>		<b>13</b>

Spring

Course	Prerequisite	Credit
Essential Education: Experience		3
CS 4801: Foundations of ML	DATA 2201, MA 2720	3
CS 4321: Introduction to Algorithms	CS 2311, CS 2321	3
Focus Area		3
Technical Elective		3
<b>Total</b>		<b>15</b>

### Fourth Year

Fall

Course	Prerequisite	Credit
Essential Education: Communication Intensive		3
CS 4841: Deep Learning		3
AI and Society		3
Focus Area		3

Course	Prerequisite	Credit
Technical Elective		3
<b>Total</b>		<b>15</b>

Spring

Course	Prerequisite	Credit
CS/DATA 4991		3

Course	Prerequisite	Credit
Focus Area		3
Technical Elective		3
Technical Elective		3

Course	Prerequisite	Credit
Free Elective		3
<b>Total</b>		<b>15</b>

**Grand Total = 120 Credits**