

# ARTIFICIAL INTELLIGENCE, A.A.S.

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The Artificial Intelligence degree prepares students to design, implement, and evaluate AI solutions across diverse applications. This degree combines a foundation in computer science, data analytics, statistics, ethical consideration, security, and hands-on experience to develop robust AI systems. The curriculum covers core areas such as Machine Learning (ML), Deep Learning (DL), and Computer Vision (CV), providing hands-on experience with advanced algorithms.

For more information about Computer and Information Science, please visit the program page (<http://www.cod.edu/cis>).

## Degree Requirements

Field of Study Code: CIS.AAS.AI

Code	Title	Credits
CIS 1230	Database Application	3
MATH 1220	Quantitative Literacy	3
CIS 1400	Programming Logic and Technique	4
CIS 1655	AI Technical Essentials	3
CIS 2531	Introduction to Python Programming	4
CIS 2640	Introduction to Machine Learning (ML)	4
CIS 2641	Introduction to Natural Language Processing (NLP)	4
or CIS 2642	Introduction to Computer Vision (CV)	
CIS 2644	Ethics in Artificial Intelligence (AI)	4
CIS 2645	Security in AI	4
CIS 2646	Deep Learning (DL)	4
CIS 2720	Structured Query Language (SQL)	4
CIS 2735	Data Analytics and Visualization	4
<b>General Education</b>		
Communications		6
Humanities & Fine Arts		3
Social & Behavioral Science		3
Physical or Life Science (with lab)		3-5
<b>Total Credits</b>		<b>60-62</b>