APPLICATIONS OF AI MINOR

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https://https://ischool.syracuse.edu/academics/applications-of-ai-minor/ (https://ischool.syracuse.edu/academics/applications-of-ai-minor/)

Program Description

The Applications of AI Minor provides a strong foundational understanding of AI applications for students across various majors. It is designed to be interdisciplinary, ensuring students from any field can effectively integrate AI into their future work. This program focuses on developing practical skills to understand, use, and evaluate AI tools and techniques effectively. Students will use python and Large Language Models to develop innovative agents and bots, and explore the social and ethical implications of AI and how to improve human-AI collaboration.

Upon completion of the Applications of AI Minor, students will be able to:

1. Identify and analyze potential ethical considerations in AI development and deployment
2. Articulate the nuances of human-AI interaction to improve collaboration between humans and AI
3. Critically evaluate AI applications and conceptualize potential future developments in the field

Code	Title	Credits
Core Courses: 6 credits		
IST 314	Interacting with AI	3
IST 320	AI & Humanity: Charting Possible Futures	3
Core Electives: 3 credits		
Students must select one of the classes below:		
IST 375	Dynamics of Human AI Interaction	3
IST 488	Building Human Centered AI Applications	3
Electives: 9 credits		
Students can choose three courses from the list below to count towards their electives. Students can also select one of the courses in the Core Electives that they did not already complete. Other relevant AI classes at the University can be petitioned in to count as an elective and must be approved prior to registration.		
AIA 430	Generative AI in Digital Automation	3
IST 341	Human-Centered Design	3
IST 343	Data in Society	3
IST 349	Human Computer Interaction	3
IST 387	Introduction to Applied Data Science	3
PAI 300	Selected Topics (AI Policy)	1-6
PHI 378	Minds and Machines	3