AI LITERACY (AIL)

AIL 101 AI for Everyone   3 sem. hrs.
Artificial Intelligence is changing the world. It is changing jobs, creating them, and evenreplacing them (but less than you think). More than ever before, companies need employees who canuse AI tools to solve problems creatively and responsibly. This non-technical AI crash course buildsthe foundational skills needed to do that and is designed to be valuable to anyone. Learn how todistinguish problems that AI is useful for, master prompt engineering to improve outputs, detectAI-generated output, analyze ethics and privacy, and stay up-to-date on one of the mosttransformative technologies of our lifetimes.

AIL 125 Science Innova Through AI Tech   1 sem. hr.
This course will provide an innovative experience for science majors that emphasizes technology and science through a common intellectual experience. Topics include Artificial Intelligence (AI) tools for idea generation, prompt engineering, collaborative projects, and AI ethics. Students will gain new strategies in undergraduate research as well as group projects, particularly focusing on the use of technology in science. This academic experience supports career readiness including communication skills and research strategies. Offered every fall.

AIL 150 AI for Research Methods   3 sem. hrs.
This course provides innovative experiences for all majors that emphasize the application of Artificial Intelligence (AI) technology to research methods through a common intellectual experience. Topics include AI foundations, AI-powered data analysis and visualization, interdisciplinary collaboration and problem-solving, AI automation in literature reviews and knowledge synthesis, AI-driven grant writing and research funding strategies, AI ethics, and responsible research practices. Students will utilize and apply AI technology in innovative ways to gain new knowledge and skills, including its multitude of benefits for multidisciplinary scholarly discoveries. This academic experience supports career readiness including critical thinking, communication skills, and research strategies. Offered every fall. Hybrid modality. No prerequisites.

AIL 222 TH2:CH:CIT: AI Forens.Invest.   3 sem. hrs.
AI for Forensic Investigation is a dynamic exploration of cutting-edge Artificial Intelligence (AI) applications in modern-day forensic investigations. This course requires no prior knowledge of AI and some topics include AI applications, potential benefits and limitations of AI in forensic science, ethical considerations in crime scene investigations, and using AI to enhance forensic analysis. Through interactive lessons, real-world case studies, and engaging activities, you'll gain a foundation in AI and its potential to transform how crimes are solved. Offered every spring online. No prerequisites. Three credit hours

AIL 225 AI for Professional Success   3 sem. hrs.
This course equips learners with the essential skills needed for success in the evolving workplace that is heavily influenced by Artificial Intelligence (AI). Topics covered in this course provide learners with essential professional skills to thrive in the AI age such as exploring the use of AI tools and its impact on careers, communication, collaboration, critical thinking, and problem-solving. Students will develop leadership skills and showcase their AI-complementary skills for a competitive edge. Ethical considerations for the responsible use of AI are also important components of this course. This course will enhance your professional skill set so that you can navigate your future with confidence. Offered every spring online. No prerequisites.