ARTIFICIAL INTELLIGENCE SECONDARY CONCENTRATION

Overview

This secondary concentration in artificial intelligence is designed to equip M.B.A. students with the knowledge and tools to lead and implement AI-driven transformation across business functions. The curriculum offers a well-rounded blend of technical foundations and ethical considerations. Students have the opportunity to explore deeper technical topics such as large language models (LLMs), agentic AI, and blockchain, or focus on application areas including AI-driven investment analysis, strategic decision-making, and data-driven marketing decisions. Whether pursuing a technical path or applying AI in specific business domains, this concentration will empower future leaders in business, industry, and government to harness the potential of AI in shaping the future of work and innovation.

Requirements

To earn the artificial intelligence secondary concentration, students must take at least three (3) courses from the following list.

Course	Title	Credits
Choose at least two (2) of the following:		**6**
AIGB 6205	Artificial Intelligence	
AIGB 6206	Machine Learning for Business [1]	
AIGB 6207	Quantitative Foundations for AI	
AIGB 6208	Law and Ethics of AI	
Choose one (1) additional course, either from the courses above, or from the list of elective options [2]		**3**
Total Credits		**9**

[1] This course requires Python programming. Students with no prior Python programming background, but who wish to to take this course, can take AIGB 6201 Python for AI Bootcamp , which is offered online.

[2] Some elective courses (such as AIGB 7291 Cloud Computing for Analytics, AIGB 7292 NLP and Applications, AIGB 7294 Large Language Models and Generative AI, AIGB 7290 Deep Learning, AIGB 7240 Computational Finance, AIGB 7241 Machine Learning for Finance, AIGB 7243 Investment Analysis with Data Visualization and Gen AI, AIGB 7244 Artificial Intelligence in Asset Management, and AIGB 724B Advanced Machine Learning) require Python programming. Students with no prior Python programming background, but who wish to to take one or more of these courses, can take AIGB 6201 Python for AI Bootcamp , which is offered online.

Electives

Courses in this group have the AICE attribute.

Course	Title	Credits
AIGB 7240	Computational Finance	3
AIGB 7241	Machine Learning for Finance	3
AIGB 7242	Fintech and Disruption in the Finance Industry	3
AIGB 7243	Investment Analysis with Data Visualization and Gen AI	3
AIGB 7244	Artificial Intelligence in Asset Management	3
AIGB 724B	Advanced Machine Learning	3
AIGB 724C	Machine Learning and LLMs	3
AIGB 7263	Blockchain: Industry Disruptor and Creator	3
AIGB 7290	Deep Learning	3
AIGB 7291	Cloud Computing for Analytics	3
AIGB 7292	NLP and Applications	3
AIGB 7293	Data Visualization	3
AIGB 7294	Large Language Models and Generative AI	3
AIGB 7295	Robotic Process Automation	3
AIGB 7297	Data Management with SQL	3
MKGB 7760	Marketing Technology and Innovation	3
MKGB 7792	New Product Development	3
MKGB 779I	Data-Driven Marketing Decisions	3