

SYSC 4907 – Fall 2026/Winter 2027

Supervisor	Safaa Bedawi
Co-supervisor	
Course section	SYSC 4907
Project ID	
Project title	AI-Enhanced Sequential Dependency Optimization in Physical and Conceptual Spaces (closed)
Project description	This project develops an AI-enhanced hybrid framework to optimize sequential decision-making across complex physical and conceptual state spaces. By integrating temporal memory and augmented knowledge graphs, the system dynamically navigates strict constraints to compute the most efficient trajectory for both physical resource management and curriculum progression.
Program(s)	Software, System
Maximum number of students	4
Meeting time with supervisor (optional)	
Do you want the student to contact you before the office assign this project to them ? (Yes/No)	yes