

SYSC 4907 – Fall 2026/Winter 2027

Supervisor	Adrian Chan
Co-supervisor	
Course section	
Project ID	
Project title	Wearable physiological monitoring during sleep
Project description	Physiological monitoring during sleep can be useful for a variety of reasons, including tracking sleep quality, detecting sleep apnea, and detecting sudden infant death syndrome. In this project, students will develop an easy-to-use wearable physiological monitoring system that will record and analyze in real-time various signals (e.g., ECG, breathing, temperature, sleeping position, movements).
Program(s)	Biomedical and Electrical Computer Systems
Maximum number of students	5
Meeting time with supervisor (optional)	
Do you want the student to contact you before the office assign this project to them ? (Yes/No)	Yes