

**SYSC 4907 – Fall 2026/Winter 2027**

Supervisor	Adrian Chan
Co-supervisor	
Course section	
<b>Project ID</b>	
Project title	Head Mounted Perimetry
Project description	Visual field testing is used to measure your scope of vision and can be used to identify and assess vision loss (e.g., glaucoma). Standard automated perimetry equipment is large and expensive. Previous research investigated the potential for a low-cost, head mounted system. Advances in technology, especially in display technology, has made such a system realizable.
Program(s)	Biomedical and Electrical Computer Systems
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