EXERSCI 775
Seminar in Clinical Exercise Physiology (15 points)
(Semester 1, Newmarket Campus)

Who should take this course?
This course is required for completion of the Master of Science in Clinical Exercise Physiology.

Learning Outcomes
Students will:

- To review and develop a deeper understanding of the scientific evidence behind advanced principles and concepts of the 7 domains identified by American College Sports Medicine (ACSM) as core competency areas for the Registered Clinical Exercise Physiologist: Clinical Assessment, Exercise Testing, Exercise Prescription, Exercise Training, Education & Behaviour Change, Program Administration and Legal & Professional Considerations.

- Identify and address gaps in knowledge and understanding of material related to the 7 ACSM core competency areas.

- Help the student prepare to challenge the ACSM registered clinical exercise physiology certification exam

Learning and Teaching
The course is conducted mainly in a student-directed manner with guidance from the course coordinator. A diagnostic exam is used early in the term to identify gaps in key knowledge areas. Over the terms students progresses through directed readings on key topic areas that form core competencies for a registered clinical exercise physiologist. The topics are arranged into 4 modules that are examined. There are no formal class meetings. Students are encouraged to meet with the coordinator and attend biweekly student–led coordinator facilitated tutorials to support their learning. The course is internally assessed and has no final examination.

Coordinator
Senior Lecturer Stacey Reading
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Assessment
4 term tests