EXERSCI 706
Seminar in Advanced Exercise Physiology
(15 points)
(Semester 2, Newmarket Campus)

Who should take this course?
Students who are interested in developing a more thorough understanding of the physiological adaptation to exercise and physical inactivity. Current research publications in exercise physiology and the use of relevant experimental techniques will be discussed and examined in a seminar-based format.

Learning Outcomes
On completion of this course, a student would be expected to:

1. Explain in depth and discuss the physiological response and adaptation to exercise and physical inactivity.
2. Critically evaluate experimental approaches to the manipulation and determination of the response and adaptation to exercise and physical inactivity.
3. Describe and critically interpret relevant research literature.

Learning and Teaching
Students are expected to prepare for, attend and actively contribute to 24 (90 minutes) seminar-type classes.

Teaching Staff
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Assessments*
Each student will:
1. Critically analyse, present and lead discussions of selected research articles (15%)
2. Critically analyse, present and discuss a selected experimental method and its application (15%).
3. Critically analyse, present and lead discussions of selected research review articles (15%)
4. Present and discuss on a point-counterpoint presentation of selected topic (15%)
5. Assess the presentations of others in order to improve group-learning outcomes (10%).
6. Write a final examination on material covered in the seminars (30%).
*subject to change

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