EXERSCI 305
Movement Neuroscience
(15 points)
(Semester 1, Grafton & Newmarket Campuses)

Prerequisites:
EXERSCI 101 or SPORTSCI 101 and 15 points from EXERSCI 201, MEDSCI 206, PSYCH 202, SPORTSCI 201
An understanding of human anatomy at the level covered in EXERSCI 103 or SPORTSCI 103 will also be assumed.

Who should take this course?
- All BSc Majors in Exercise Sciences (ES) or Sport and Exercise Science (SES)
- Any BSc Majors interested in Neuroscience

Learning Outcomes
In this course students will:
• develop a broad understanding of neurological, physiological and dynamical processes underlying human movement.
• develop a thorough understanding of neurological mechanisms involved in the planning, execution and control of movement in health and disease.
• be introduced to recent advances in neural plasticity as it relates to motor skill learning generally, and motor recovery in neurologically impaired populations.

Learning and Teaching
Over the semester students are to attend 12 seminars (Grafton Campus) and 5 three-hour laboratory sessions (Newmarket Campus).

Teaching Staff
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Assessment*
Lab Reports 30%
Mid-Semester Exam 20%
In Class Quizzes 10%
Final Exam 40%
*subject to change

Recommended Textbooks
All reading and study material is made available online via CANVAS.

Student Feedback
In 2018:

>85% of students found:
- The course content was well organised
- The aims of this course were clear to me
- The resources (including digital resources) in this course helped me to learn
- The course was intellectually stimulating

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