

MEDS20003 Control Systems,Growth and Development

Credit Points:	37.50
Level:	2 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Seventy-six hours of lectures; 28 2-hour problem-based learning tutorials; 56 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week Total Time Commitment: Not available
Prerequisites:	N/A
Corequisites:	N/A
Recommended Background Knowledge:	N/A
Non Allowed Subjects:	N/A
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Assoc Prof Erica Fletcher
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Subject Overview:	Objectives are to develop an understanding of the structure/function relationships in the human brain and the role and mechanisms of the major components of the endocrine system. The normal processes in human reproduction, foetal development, growth and ageing and the effects of abnormalities in these processes will also be covered. Content areas include the development and organisation of the nervous system, brainstem function, motor control systems, sensory systems, the hypothalamic-pituitary axis, the anatomy of the head and neck, thyroid and adrenal function, maturation and reproductive function during life, fertility and reproduction, the anatomy of the pelvis, foetal growth, human development and ageing, the abnormalities and pathological processes affecting the endocrine and reproductive systems and the care of the aged in society.
Objectives:	To develop an understanding of the structure/function relationships in the human brain and the role and mechanisms of the major components of the endocrine system.
Assessment:	Mid-semester tests (15%); PBL tutor assessment (10%); practical examination (15%); two end-of-semester examinations (total of five hours) (60%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.
Prescribed Texts:	N/A
Recommended Texts:	Information Not Available
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	- Critical thinking and problem solving;

- Ability to access information;
- Appreciation of the historical background and evolution of scientific concepts;
- Systematic evaluation of scientific evidence;
- Effective collaboration in small groups;
- Written and oral communication skills.