

510-112 Nutrition Digestion & Metabolism

Credit Points:	37.50
Level:	1 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: Seventy hours of lectures, 28 2-hour problem-based learning tutorials, 53 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week Total Time Commitment: -
Prerequisites:	-
Corequisites:	-
Recommended Background Knowledge:	-
Non Allowed Subjects:	-
Core Participation Requirements:	-
Coordinator:	Assoc Prof Graham Parslow
Contact:	-
Subject Overview:	This subject focuses on the fuels and other nutrients needed for good health and how the body absorbs, digests, metabolises, stores, uses and then excretes these substances. There will be an emphasis on the development, structure and major functions of the organ systems involved in these processes, namely the gastrointestinal system, the hepatobiliary system and the renal system. Fuel and energy are stored in skeletal muscle and adipose tissue, and students will be expected to develop an understanding of how these fuels are mobilised and preferentially used under differing circumstances and stresses. Other content areas include the metabolism of pharmaceutical agents, the anatomy of the abdomen and the diseases that affect the gastrointestinal, hepatobiliary and urinary systems.
Objectives:	You are expected to develop an understanding of how metabolic fuels are stored and mobilised under differing circumstances and stresses. There will be an emphasis on the organ systems involved, namely the gastrointestinal system, the hepatobiliary system and the renal system.
Assessment:	Mid-semester test(s) (10%); PBL tutor assessment (10%); practical examination (15%) two end-of-semester examinations (total five hours) (65%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.
Prescribed Texts:	-
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:	Laboratory skills, data acquisition, deduction from evidence, communication.
Notes:	# Enrolment is restricted to medical students undertaking course 980-MBBS/B.Med.Sc.