BINF40001 Trends in Health Informatics

Credit Points:	12.5
Level:	4 (Undergraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 18 Total Time Commitment: 18 contact hours with an estimated total time commitment of 170 hours (including non-contact time)
Prerequisites:	Students must be enrolled in the Bachelor of Biomedicine (Honours) or the Bachelor of Science (Honours).

Subject	Study Period Commencement:	Credit Points:
BIOM40001 Introduction To Biomedical Research	February	12.50

Corequisites:	

Subject	Study Period Commencement:	Credit Points:
BINF40002 Health Informatics Research Project 1	Semester 1	25

Recommended Background Knowledge:	Health Informatics 300 level and related biomedical or IT disciplines.
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Guillermo Lopez Campos
Contact:	**Subject Coordinator:** Dr Guillermo Lopez Campos **guillermo.lopez@unimelb.edu.au (mailto:guillermo.lopez@unimelb.edu.au)** **Administrative Coordinator:** Ms Claudia Sandoval **sandoval@unimelb.edu.au (mailto:sandoval@unimelb.edu.au)**
Subject Overview:	Students will attend and participate in research seminars and tutorials organized by the Health and Biomedical Informatics Centre in a variety of topics related with informatics in different health areas, such as mobile health, participatory health or precision medicine. Health informatics is a dynamic and multidisciplinary discipline and for this reason the seminars and tutorials will include those hosted and given by speakers and postgraduate students from the Health and Biomedical Informatics Centre as well as external speakers and seminars drawn from related areas and disciplines across the University and webinars offered by international experts from academia, government and industry.

	In these seminars students will gain access to and insight about the current perspectives and developments of the discipline, engaging with a variety of researchers and different experimental approaches and methods to answer research questions in Health disciplines from an informatics perspective. Along with these seminars students will receive a set of related relevant prescribed readings from scientific journals associated with each of the seminars for analysis and interpretation.
Learning Outcomes:	This subject should provide the students with: # an updated understanding of current problems in health informatics # an updated understanding of the current methodologies used to solve research problems in health informatics # the ability to understand research papers and reports in the area of health informatics
Assessment:	Written report (500 words each) x 4 submitted during semester (50%) Written critical review of two selected journal articles (1000 words each) submitted by the end of semester (40%) 80% attendance and active participation in seminar discussions and all specified activities through LMS during semester (10%)
Prescribed Texts:	None
Recommended Texts:	None
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:	On completion students should have acquired the following generic skills # Ability to read and understand scientific literature. # Ability to analyse scientific data # Ability to write scientific reports
Related Majors/Minors/ Specialisations:	Health Informatics