## 679-BS Bachelor of Engineering (Biomedical)Biosignals

Year and Campus:	2009				
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees				
Level:	Undergraduate				
Duration & Credit Points:					
Contact:					
Course Overview:	The course structure below represents the core content for the last three years of the BE (Biomedical Engineering) degree. All students should check that they are enrolled in the subjects listed, as appropriate to the stream of Biomedical Engineering that they have selected For further information and up-to-date course advice, students should regularly check the Faculty of Engineering web page at http://www.bme.unimelb.edu.au.				
	When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify these course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied.				
Objectives:	-				
Subject Options:	THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008           Note: Students who commenced 2nd year in 2008 who have not completed (or who have failed) the second year subjects required in this course MUST see a Course Adviser				
	Third Year				
	Subjects listed below <b>MUST</b> be taken in this approved order, regardless of semester availability.				
	Semester 1				
	Subject	Study Period Commencement:	Credit Points:		
	436-386 Biomaterials	Semester 1	12.500		
	431-330 Design Laboratory	Semester 1, Semester 2	12.500		
	431-324 Control 1 (Classical Control)	Semester 1	12.500		
	431-325 Stochastic Signals and Systems	Semester 1	12.500		
	Semester 2				
	Subject	Study Period Commencement:	Credit Points:		
	431-335 Signal Processing 1 (Fundamentals)	Semester 2	12.500		
	431-336 Neurons: From Action Potential to Learn'g	Semester 2	12.500		
	436-387 Cellular & Tissue Biomechanics	Semester 2	12.500		
	Elective (12.5 points)				
	Fourth Year				
	Subjects listed below <b>MUST</b> be taken in this approved order, regardless of semester availability				
	Subjects listed below <b>MUSI</b> be taken in this approved order	, regardless of semester	avaliability.		
	Subjects listed below MUST be taken in this approved order Semester 1	, regardless of semester	availability.		
	Subjects listed below MUST be taken in this approved order Semester 1 Subject	Study Period Commencement:	Credit Points:		

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	431-483 Neuroimaging Methods	Semester 1	12.500	
	431-461 Signal Processing 2	Semester 1	12.500	
	Elective (12.5 points)			
	Semester 2			
	Subject	Study Period Commencement:	Credit Points:	
	431-400 Project Work	Year Long	25.000	
	640-381 Principles and Applications of Sensors	Semester 2	12.500	
	421-449 Biomedical Design & Regulation	Semester 2	12.500	
	431-464 Control 2 (Advanced Control)	Semester 2	12.500	
	OR			
	Subject	Study Period Commencement:	Credit Points:	
	431-482 Auditory Processing Prosthesis	Semester 2	12.500	
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.			