679BS Bachelor of Engineering (Biomedical)Biosignals

Year and Campus:	2016
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Undergraduate
Duration & Credit Points:	400 credit points taken over 48 months
Coordinator:	Assoc Prof David Grayden
Contact:	Melbourne School of Engineering Ground Floor, Old Engineering (Building 173) Current Students: Email:**13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)** Phone: 13 MELB (13 6352) +61 3 9035 5511
Course Overview:	THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008 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.
Learning Outcomes:	See course overview
Course Structure & Available Subjects:	Students must complete 400 credit points comprising the core program of discipline subjects. Student who have not yet completed the requirements of the Bachelor of Engineering (Biosignals) degree should see the course coordinator.
Subject Options:	There is no further entry into this course Final year

Subject	Study Period Commencement:	Credit Points:
ELEN90067 Electrical Engineering Capstone Project	Year Long, Semester 1	25
ELEN90052 Advanced Signal Processing	Semester 1	12.50
ELEN90064 Advanced Control Systems	Semester 2	12.50
BMEN90021 Medical Imaging	Semester 1	12.50
BMEN90020 Biomedical Design and Regulation	Not offered 2016	12.50

Bioengineering Elective (12.5 points)

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Entry Requirements:	There is no further entry into this course
Core Participation Requirements:	For the purposes of considering a request for Reasonable Adjustments under the Disability Standards for Education (Cwlth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this course 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
Further Study:	On completion of the Bachelor of Engineering, students may choose to apply for candidature in a Masters by Research or PhD degree. They may also apply to undertake a one year Advanced Masters by Coursework degree.
Graduate Attributes:	The Bachelor of Engineering is a professional degree. Graduates can obtain professional recognition by joining Engineers Australia who has accredited this program.
Professional Accreditation:	This course is accredited with Engineers Australia
Generic Skills:	Upon completion of this course the student should have developed their: # Ability to apply knowledge of science and engineering fundamentals # Ability to undertake problem identification, formulation and solution # Ability to utilise a systems approach to complex problems and to design and operational performance # Proficiency in engineering design # Ability to communicate effectively, with the engineering team and with the community at large # Capacity for creativity and innovation # Ability to function effectively as an individual and in a multidisciplinary and multicultural teams, as a team leader or manager as well as an effective team member # Capacity for lifelong learning and professional development
Notes:	Credit may not be obtained for both BMEN40004 Biomedical Design and Regulation AND BMEN90020 Biomedical Design and Regulation