Some schools have other arrangements/requirements, please see Penny Martens with any questions (p.martens@unsw.edu.au)

Project Title	Supervisor	Co-supervisor	Suited for:
CAD Modelling of Anatomical Surfaces	Socrates Dokos		Comp, Tele, Elec, Soft
Modelling Cardiac Pacemaker Electrical Activity	Socrates Dokos		Comp, Tele, Elec, Soft
3D Mesh Visualization for Anatomical Surfaces	Socrates Dokos		Comp, Tele, Elec, Soft
Large-Scale Parameter Optimization of Biological Models	Socrates Dokos		Comp, Tele, Elec, Soft
A Computer Model of the ECG	Socrates Dokos		Comp, Tele, Elec, Soft
Development of a CellML Editor for Biological Models	Socrates Dokos		Comp, Tele, Elec, Soft
Computer Simulation of Cardiac Defibrillation	Socrates Dokos		Comp, Tele, Elec, Soft
Classification of Forearm EMG signals for Prosthetic Control	Socrates Dokos, Stephen Redmond	Hong-Bo Xie	Comp, Tele, Elec, Soft
The chitosan bandage - a potent mediator of wound healing	Brooke Farrugia	Megan Lord	Chemical, Materials
Living electrodes: Tissue engineered conductive hydrogels	Rylie Green	Laura Poole-Warren, Penny Martens	Any, Chemical, Mechanical, Materials, Biomedical
Bionic eye electrode coating technologies for high resolution implants	Rylie Green	Laura Poole-Warren, Nigel Lovell	

Project Title	Supervisor	Co-supervisor	Suited for:
Centre of mass evaluation using three techniques: an assessment into the suitability of waist-mounted accelerometry	Lauren Kark	Stephen Redmond	Mechanical, Mechatronic, Electrical, CSE
Development of diagnostic markers of disease	Megan Lord	John Whitelock	Chemical, Materials
Therapeutic bioactive nanoparticles	Megan Lord	Brooke Farrugia, John Whitelock	Chemical, Materials
Polymeric nanoparticles for controlled drug delivery	Megan Lord	Martina Stenzel (Chem Eng), Brooke Farrugia	Chemical, Materials
Understanding the nano-bio interface for long term implants	Megan Lord	Brooke Farrugia, John Whitelock	Materials, Chemical, Mechanical
Polymer-Graphene Microparticles for tissue regeneration	Megan Lord	Stuart Thickett (Chem Eng), Brooke Farrugia	

Project Title	Supervisor	Co-supervisor	Suited for:
Investigation of Silicone adhesion to ceramic *in collaboration with Cochlear Limited*	Gregg Suaning	Mike Skalsky/Martin Svehla (Cochlear Ltd)	Chemical/Materials Engineering

Project Title	Supervisor	Co-supervisor	Suited for:
Laser Induced Hyperthermia of Superficial Tumors with Nanoparticles	Victoria Timchenko (Mech Eng)	Ross Odell	Any, Mechanical, Mechatronic, Computer, Biomedical