

Outline course structure

BEng (Hons) Biomedical Engineering						
Year 1	Engineering Science Fundamentals 20	Engineering Mathematics and Technical Computing 20	Innovation and Engineering Solutions 40		Anatomy, Physiology and Biomechanics 20	Chemistry of Materials 20
Year 2	Digital Systems and Computer Engineering 20	Engineering Modelling and Simulation Techniques 20	Industrial design and product case studies 20	Integrated group design projects 20	Tissue engineering, Biomaterials and Biocompatibility 20	Biomedical Imaging and Sensing 20
Optional Sandwich Year						
Final Year	Performance Engineering 20	Medical Ethics, Regulation and Clinical Trials 20	Individual Engineering Project 40		Current Developments in Bioengineering 20	
					<i>Choose one of three options:</i> <ol style="list-style-type: none"> 1. Sensors and Embedded Electronics 2. Fluid Dynamics in Physiology and Medical Devices 3. Medical Applications of Smart Materials 	

Figure 1. BEng (Hons) Biomedical Engineering