

## Outline course structure

BEng (Hons) Electronic Engineering						
Year 1	Engineering Science Fundamentals <b>20</b>	Engineering Mathematics and Technical Computing <b>20</b>	Innovation and Engineering Solutions <b>40</b>		Principles of Electronics and Electronic Systems <b>20</b>	Electronic Devices and Materials Technology <b>20</b>
Year 2	Digital Systems and Computer Engineering <b>20</b>	Engineering Modelling and Simulation Techniques <b>20</b>	Industrial design and product case studies <b>20</b>	Integrated group design projects <b>20</b>	Control Systems and Engineering <b>20</b>	Digital Signal and Image Processing <b>20</b>
Optional Sandwich Year						
Final Year	Performance Engineering <b>20</b>	Modern VLSI and FPGA Design <b>20</b>	Individual Engineering Project <b>40</b>		<i>Choose two of four options:</i> <ol style="list-style-type: none"> <li>1. Sensors and Embedded Electronics</li> <li>2. Wireless and RF Communications</li> <li>3. Fluid Dynamics in Physiology and Medical Devices</li> <li>4. Optical Displays and Photonic Technologies</li> </ol>	

Figure 1. BEng (Hons) Electronic Engineering

