

## BIOMEDICAL SCIENCE DRAFT THRESHOLD LEARNING OUTCOMES (DECEMBER 2012)

	Upon completion of a Bachelor degree in <b>BIOMEDICAL SCIENCE</b> , graduates will:
<b>Understanding Science</b>	<b>1. Demonstrate a coherent understanding of biomedical science by:</b> 1.1 articulating the methods of science and explaining why current scientific knowledge is both contestable and testable by further inquiry. 1.2 explaining the role and relevance of biomedical science [to] society including the translation of biomedical science to clinical and medical outcomes.
<b>Scientific knowledge</b>	<b>2. Exhibit depth and breadth of scientific knowledge by:</b> 2.1 demonstrating well-developed knowledge in at least one disciplinary area in the biomedical sciences. 2.2 demonstrating knowledge in other disciplinary areas contributing to the biomedical sciences. 2.3 demonstrating integration of knowledge from across the disciplines contributing to biomedical science.
<b>Inquiry and problem solving</b>	<b>3. Identify, critically analyse and solve problems in the biomedical sciences by:</b> 3.1 gathering, synthesising and critically evaluating information from a range of sources. 3.2 defining a biomedical science problem and formulating a hypotheses 3.3 designing and planning an investigation. 3.4 selecting and applying practical and/or theoretical techniques or tools in order to conduct an investigation. 3.5 collecting, accurately recording, analysing, interpreting and drawing conclusions from scientific data.
<b>Communication</b>	<b>4. be effective communicators of science by:</b> 4.1 communicating scientific results, information and conveying scientifically reasoned arguments, to a range of audiences, for a range of purposes, and using a variety of modes.
<b>Personal and professional responsibility</b>	<b>5. Be accountable for their own learning and scientific work by:</b> 5.1 being independent and self-managing learners. 5.2 working effectively, responsibly and safely in an individual and collaborative context . 5.3 demonstrating knowledge of the ethical and regulatory frameworks relevant to biomedical science and personally practising academic integrity.