

### UWA Plus Micro-credentials

#### Critical Information Summary

Title and brief description	BMEDM501 Biodesign Medical Technology Innovation. Based on the Biodesign Methodology for innovating medical technologies, this unit provides students with the opportunity to identify and research real clinical unmet needs, brainstorm a medical technology solution, and learn the medical device development process.
Certified learning	<ol style="list-style-type: none"> <li>1. Identify an unmet clinical need appropriate for project development.</li> <li>2. Develop basic market and stakeholder analysis for a clinical unmet need.</li> <li>3. Generate solutions based on the design thinking methodology.</li> <li>4. Identify suitable intellectual property protection.</li> <li>5. Identify regulatory pathways.</li> <li>6. Identify reimbursement pathways.</li> <li>7. Create a development pathway towards translation of a medical technology.</li> </ol>
How learner participated	Online only
Effort required (indicative)	150 hours
Main assessment task	Portfolio and reflective evidence for validation of proficiency
Supervision and identity verification	Supervised online, identity verified (one factor)
Indicative equivalent level	Masters
Quality assurance	Wrays Linear Vital Trace Proteomics MedTech Actuator
Successful learner earns PD Points for conversion to:	6
<ul style="list-style-type: none"> <li>• Admission to an award course</li> </ul>	No
<ul style="list-style-type: none"> <li>• Credit towards an award course</li> </ul>	Yes  Can be converted to credit for BMED5001 Biodesign Medical Technology Innovation
<ul style="list-style-type: none"> <li>• If yes, how much credit?</li> </ul>	Credit is one unit