

## Overlap between the USP Graduate Outcomes and Research Skills Development Framework

There is a substantial overlap between the USP Graduate Outcomes (GOs) and the RSD facets. The initial mapping of the RSD and USP GOs was carried out in 2011 prior to the implementation of the Research Skills Development framework at the University. Following the revision of the University's Graduate Outcome in 2017, the Research Office re-mapped the RSD facets and the GOs. The RSD facets overlap with all the University GOs. Details of the overlap are provided below:

### Synergies between the facets of the RSD and USP Graduate Outcomes

Graduate Attribute	USP Description	Aspect of RSD that best relates
1. Communication	Graduates will be able to communicate ideas clearly and persuasively in structured formats using language and other modes of communication that are appropriate for context, audience and specific disciplinary conventions.	<p><b>a. Embark and Clarify:</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical/cultural and social/team considerations.</p> <p><b>d. Organise &amp; Manage:</b> Organise information and data to reveal patterns and themes, and manage teams and research processes.</p> <p><b>e. Analyse &amp; Synthesise:</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.</p> <p><b>f. Communicate &amp; Apply:</b> Write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, cultural, social and team (ECST) issues.</p>

2. Creativity	Graduates will extend boundaries of current knowledge in a particular discipline or profession.	<p><b>a. Embark &amp; Clarify:</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical, cultural, social and team (ECST) considerations.</p> <p><b>b. Find &amp; Generate:</b> Find and generate needed information/data using appropriate methodology.</p> <p><b>d. Organise &amp; Manage:</b> Organise information and data to reveal patterns and themes, and manage teams and research processes.</p> <p><b>e. Analyse &amp; Synthesise:</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.</p>
3. Critical Thinking and Quantitative Reasoning	Graduates will be able to evaluate multiple perspectives and arrive at a reasonable independent judgement based on evidence.	<p><b>c. Evaluate &amp; Reflect:</b> Determine and critique the degree of credibility of selected sources, information and data generated. Metacognitively reflect on the research processes used</p> <p><b>d. Organise &amp; Manage:</b> Organise information and data to reveal patterns and themes, and manage teams and research processes.</p> <p><b>e. Analyse &amp; Synthesise:</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.</p>

4. Ethics	Graduates will demonstrate a commitment to high ethical standards in scholarly, professional and socio-cultural practices.	<p><b>a. Embark &amp; Clarify:</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical, cultural, social and team (ECST) considerations.</p> <p><b>f. Communicate &amp; Apply ethically:</b> Write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, social and cultural (ESC) issues.</p>
5. Pacific Consciousness	Graduates will recognize the cultural heritage and diversity of Pacific societies for sustainable development in a contemporary environment.	<p><b>a. Embark &amp; Clarify:</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical, cultural, social and team (ECST) considerations.</p> <p><b>e. Analyse &amp; Synthesise:</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.</p> <p><b>f. Communicate &amp; Apply ethically:</b> Write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, social and cultural (ESC) issues.</p>
6. Professionalism	Graduates will demonstrate the ability to carry out tasks to acceptable standards within their profession and occupations.	<p><b>b. Find &amp; Generate:</b> Find and generate needed information/data using appropriate methodology.</p> <p><b>c. Evaluate &amp; Reflect:</b> Determine and critique the degree of credibility of selected sources, information and of data generated, and reflect on the research processes used.</p> <p><b>f. Communicate &amp; Apply ethically:</b> Write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, social and cultural (ESC) issues.</p>

7. Teamwork	<p>Graduates will work together in a respectful and collaborative manner to complete tasks within teams to achieve an outcome</p>	<p><b>a. Embark and Clarify:</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical/cultural and social/team considerations.</p> <p><b>d. Organise &amp; Manage</b> Organise information and data to reveal patterns and themes, and manage teams and research processes.</p> <p><b>e. Analyse &amp; Synthesise:</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.</p>
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### Map of USP Graduate Attributes and the RSD Facets

GRADUATE ATTRIBUTES (on this row)	GO 1: Communication - Written	GO 2: Creativity	GO 3: Critical Thinking and Quantitative Reasoning	GO 4: Ethics	GO 5: Pacific Consciousness	GO 6: Professionalism	GO 7: Teamwork
<b>RSD a. Embark and Clarify</b> Respond to or initiate research and clarify or determine what knowledge is required, heeding ethical/cultural and social/team considerations.	Context and Audience			Recognition of ethical principles and practices	Relationship between one's culture and one's position in the world		Effective performance in teams
<b>RSD b. Find &amp; Generate</b> Find and generate needed information/data using appropriate methodology.			Information Literacy			Recognition of the roles and responsibilities of the profession and occupation	
<b>RSD c. Evaluate &amp; Reflect</b> Determine and critique the degree of credibility of selected sources, information and of data generated, and reflect on the research processes used.			Quantitative Reasoning			Recognition of the roles and responsibilities of the profession and occupation	
<b>RSD d. Organise &amp; Manage</b> Organise information and data to reveal patterns and themes, and manage teams and research processes.	Structure	Formulation of new approaches or methods of inquiry	Management of multiple perspectives				Effective performance in teams
<b>RSD e. Analyse &amp; Synthesise</b> Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.	Clarity of Expression and Coherence	Imaginative application of knowledge and skills including in an entrepreneurial context appropriate.	Judgement based on evidence		Integration of traditional and contemporary practices to sustain Pacific societies		Effective performance in teams
<b>RSD f. Communicate &amp; Apply ethically</b> Write, present and perform the processes, understandings and applications of the research, and respond to feedback, accounting for ethical, social and cultural (ESC) issues.	Presentation and appropriate use of ICT			Recognition of ethical principles and practices	Respect for the cultural heritage and diversity of Pacific societies	Recognition of the roles and responsibilities of the profession and occupation	