

Appendix 2 – Kuhlthau’s information search process – model (ISP), modified SWIM2 version

Acts in SWIM2	Phase 1 Creative idea development	Phase 2 Creative pre-focus exploration	Phase 3 Critical focusing	Phase 4 Critical, analytical research	Phase 5 Conclusion, reflection and broader perspective	Phase 6 Exam and critical assessment
Location	Group study room	Group study room Library	Project advisor's office Group study room	Library	Group study room	Examination room
Stages of the ISP	Task initiation/ Topic selection	Prefocus exploration	Focus formulation	Information collection	Search closure	
Cognitive level						
Affective level	Uncertainty and optimism	Uncertainty and confusion, frustration, doubt	Clarity	Sense of direction Confidence	Relief	Satisfaction or dissatisfaction
Behavioural level						
Approach	Combination of invitational and indicative	Invitational	Indicative	Combination of invitational and indicative	Indicative	