

Subject Description Form

Subject Code	GS6100
Subject Title	Path to research excellence: lessons from distinguished scholars 治學之道：大師科研生涯分享課
Credit Value	2
Normal Duration	1 semester
Level	6
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	In this course, students will: • Analyse how distinguished researchers' personal experiences, such as ethical dilemmas and philosophical perspectives, shape the human dimensions of their scientific inquiry; • Evaluate the dynamic relationship between researchers' personal motivations and the trajectory of their scholarly innovation; • Develop strategies for intellectual resilience and risk-taking by critically engaging with the challenges and adaptations demonstrated by role models.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) Articulate how researchers' backgrounds and personal narratives influence scientific discovery; b) Reflect on their own values/experiences as potential research catalysts; c) Develop strategies to navigate intellectual uncertainty, failure, and bias.
Subject Synopsis/ Indicative Syllabus	Through curated master classes, moderated dialogues and a reflection class, this innovative seminar explores the unseen drivers of research excellence by examining how distinguished scholars transform personal experiences, ethical dilemmas, and professional setbacks into scholarly innovation
Teaching/Learning Methodology	Master Classes Distinguished scholars from different disciplines will discuss how their candid experiences direct and shape their research, illustrating the transformation of setbacks into insights.

	Moderated Dialogues The subject lecturer will facilitate Q&A and guide discussions. Ample opportunities will be provided for interactive classroom dialogue. Reflection Classes Each student group will dissect one speaker’s narrative and connect the speaker’s journeys to members’ own challenges/research contexts, culminating in a presentation.				
Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed		
			a	b	c
	1. Individual Reflection report	60 %	√	√	√
	2. Group presentation	30%		√	√
	3. Peer Evaluation			√	√
	4. Participation	10%	√		
	Total	100 %			
The subject will be assessed on a pass/fail grading system. • Reflection report: Students will submit a report after each semester, summarising their key learnings and articulating their personal philosophy of research, integrating insights gained from the speaker. • Group presentation: Students will work in groups to dissect one speaker’s narrative, connecting the speaker’s journeys to members’ own challenges or research contexts. Each group will give a presentation in class. Peer evaluations will be conducted to assess the clarity and organisation of the content, the effectiveness of collaboration, and the quality of responses to questions. • Participation: Active engagement in master classes, group discussions, and workshops is expected and will contribute to the overall assessment.					
Student Study Effort Expected	Class contact:				
	■ Seminar		24 Hrs.		
	Other student study effort:				
	Self-study		12 Hrs.		

	Reflection report / Group work	34 Hrs.
	Total student study effort	70 Hrs.
Reading List and References	Polanyi, M. (2015). <i>Personal Knowledge: Towards a Post-Critical Philosophy</i> (Enlarged ed.). University of Chicago Press	