



## 課 綱 Course Outline

## 藝術學院藝術跨領域國際博士班博士班

中文課程名稱 Course Name in Chinese	藝術跨域研究法 I				
英文課程名稱 Course Name in English	Research Methods in Transdisciplinary Art I				
科目代碼 Course Code	IA_D0030	班 別 Degree	博士班 Ph. D.		
修別 Type	必修 Required	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite					
課程目標 Course Objectives					

- This course aims to equip graduate students with the concept of Research-Oriented Art Making (ROAM), enabling them to collect data explicitly by employing research methodologies. These skills will apply to interdisciplinary artistic creation and the writing of research theses.
- The course focuses on introducing qualitative research methods and does not cover quantitative statistical operations such as SPSS. It is recommended that graduate students seeking instruction in quantitative research and statistical operations register for distinct courses.

1. Cultivate the skills of formulating research designs and proposals.
2. Comprehend the significance of research ethics and integrate them into the research procedure and thesis composition.
3. Understand and apply theoretical frameworks to the exploration and creation of art.
4. Acquire knowledge of varied research methodologies and enhance proficiencies in data collection and analysis.

課程大綱  
Course Outline

Date	content
2/25	Course Introduction
1.	What is ROAM
2.	Fundamental concepts of research and scientific research methods
3/4	Introduction to Research Methods and Research Topics
1.	Types and comparison of research methods
2.	Research topics and research hypotheses
3/11	Research Design and Research Proposal
1.	Introduction to research design and research proposal
2.	Introduction to qualitative research
3.	Reliability and validity in qualitative research

4. The “I” in qualitative research  
 5. Share 1: Graduate student’s reflection report on reading interdisciplinary literature in the arts

3/18 Research Method Overview 1  
 1. Case Study  
 2. Share 2: Graduate student’s reflection report on reading interdisciplinary literature in the arts

3/25 Research Method Overview 2  
 1. Textual Analysis  
 2. Share 3: Graduate student’s reflection report on reading interdisciplinary literature in the arts

4/1 Research Method Overview 3  
 1. Participant Observation  
 2. Share 4: Graduate student’s reflection report on reading interdisciplinary literature in the arts

4/8 Research Method Overview 4  
 1. Interview Method, Focus Group Interview  
 2. Share 5: Graduate student’s reflection report on reading interdisciplinary literature in the arts

4/15 Ethical Considerations in Interdisciplinary Research  
 1. An Introduction to Academic Ethics  
 2. Academic Ethics in the Era of Generative AI

4/22 Midterm Assignment  
 1. Graduate students are expected to submit reports based on two lectures relevant to ethical review.

4/29 Research Method Overview 5  
 1. Comparative Research  
 2. Narrative Research  
 3. A reminder to graduate students: start investigating final proposal topics, formulating research designs, and developing research proposals.

5/6 Introduction to the Fieldwork I  
 1. The content and challenges of fieldwork  
 2. Application of observation notes (ON), theoretical notes (TN), and methodological notes (MN)

5/13 Introduction to the Fieldwork II  
 1. Fieldwork research methods and analysis  
 2. The coding procedure for qualitative research

5/20 Final Research Proposal and Presentation 1  
 1. Final research proposal, presentation and peer review (Part 1)

5/27 Final Research Proposal and Presentation 2  
 1. Final research proposal, presentation and peer review (Part 2)

6/3 Final Research Proposal and Presentation 3

1. Final research proposal, presentation and peer review (Part 3)

6/10 Final Research Proposal and Presentation 4

1. Final research proposal, presentation and peer review (Part 4)

6/17 Final Research Proposal and Presentation 5

1. Final research proposal, presentation and peer review (Part 5)

2. Concluding summary and course evaluation

資源需求評估 (師資專長之聘任、儀器設備的配合等)

Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)

Handout、PPT

Other References:

1. Wu, Y. C. & Chen, C. H. (2011). Research Methods in Arts: Focusing on Art-making Research. *Journal of Arts*, 2(1), 109–136. (written in Mandarin)
2. Shieh, G. S., Kao, Y. C., Li T. I., Wu, W. L., Liu Y. Y., Liu, H. C., Cheng, Y. C., Yeh, H. L., & Lin, W. L. (2007). So I do my fieldwork: Personal Journals of a quaternary practice. Socio Publishing Co., Ltd. (written in Mandarin)
3. Chang, S. H. (2020). Research Methodology: Social Sciences and Biomedical Methodology. Wu-Nan Book Inc. (written in Mandarin)
4. Guan, S. S., Ruan, L. Y., Wang, M. T., Wang, L. T., Li, P. L., Kao, S. F., Huang, R. S., Chen, S. C., Chen, Y. J. Chang, W. S., Kuo, C. C., Yang, C. C., Tung, H. C., Cheng, C. H., Lu. L. S. (2015). Design Research Methods. Chuan Hwa Book Co., LTD. (written in Mandarin)
5. Heras, M., Galafassi, D., Oteros-Rozas, E., Ravera, F., Berraquero-Diaz, L., & Ruiz-Mallen, I. (2021). Realising potentials for arts-based sustainability science. *Sustainability Science*, 16(6), 1875 – 1889. <https://doi.org/10.1007/s11625-021-01002-0>
6. Bentz, J. (2020). Learning about climate change in, with and through art. *Climatic Change*, 162(3), 1595 – 1612. <https://doi.org/10.1007/s10584-020-02804-4>
7. Horvath, S.-M., Payerhofer, U., Wals, A., & Gratzer, G. (2025). The art of arts-based interventions in transdisciplinary sustainability research. *Sustainability Science*, 20(2), 547 – 563. <https://doi.org/10.1007/s11625-024-01614-2>
8. Trott, C. D., Even, T. L., & Frame, S. M. (2020). Merging the arts and sciences for collaborative sustainability action: a methodological framework. *Sustainability Science*, 15(4), 1067 – 1085. <https://doi.org/10.1007/s11625-020-00798-7>

課程要求和教學方式之建議

Course Requirements and Suggested Teaching Methods

其他

Miscellaneous

評分標準 Evaluation

discussion : 30%、midterm assignment : 30%、final research proposal : 40%。