

## SCO399 Design-X

**Level:** 3

**Credit Units:** 10 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JULY

### Synopsis:

Design-X is a semester-long solution-driven project that aims to advance critical inquiry into a range of local issues using a cross-disciplinary perspective. It is meant for those who have a keen interest in finding and constructing new insights to systemic and social issues (for example using critical, systems and design thinking approaches) and who want to work with faculty members to explore and develop solutions to address community concerns. Students can form project teams or join as individuals and submit their own ideas. Successful projects will be considered for the service-learning component for graduation.

### Topics:

- Formulating a research problem
- Literature review
- Research ethics
- Data collection and ethnography
- Brainstorming and evaluation
- Prototyping and application
- Feedback loops
- Iteration
- Social impact assessment
- Analysis and recommendations
- Project report writing
- Project presentation

### Learning Outcome:

- Propose an area of social issue for inquiry with community-centred solutions
- Examine the relationships between relevant stakeholders
- Develop research question(s) and approaches
- Implement research project
- Appraise different solutions and their social impacts
- Analyse the findings in light of research objectives

### Assessment Strategies (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-COURSE QUIZ 1	10
	PROJECT PROPOSAL 1	30

Overall Continuous Assessment	PROGRESS REPORT 1	40
	PRESENTATION 1	20
<b>Total</b>		<b>100</b>