

Aims and objectives

On successful completion of this subject, the student should be able to:

- Analyse the concepts of consumerism in relation to design.
- Analyse eco-design principles by quantifying specific impacts.
- Analyse and evaluate the impact of design on social, economic and ecological processes.
- Design and evaluate a design process.

Teaching methods

3 on-campus full day workshops (Hawthorn), online tutorials.

Assessment

Essay, oral presentation and project report.

Content

Students will gain an understanding of the broader role of design and design related professions in society, culture and the economy. Students will explore the nature of design and consider how it relates to consumerism and other social, economic and ecological processes. Eco-design concepts (such as dematerialization, material selection, energy, water and material efficiency, end of use or second life issues) and the design process will be examined through case studies and research.

Topics

- What is design? What is the Design Process and what is design's role in society and the economy?
- The global consequences of industrialisation
- The four pillars of sustainability
- Policy and legislation
- Research
- Eco- tools and philosophies for industrial design and environmental management systems
- Eco- tools and philosophies for building design

Lecturer – Judith Glover

Judith Glover has many years experience lecturing in industrial design and product design engineering, specialising in environmental design and sustainability. She holds a Bachelor of Industrial Design and a Bachelor of Visual Arts. She is currently completing her Masters by Design Research and also runs her own small manufacturing company specialising in women's sexual health products.

Recommended reading

Lewis, H. and Gertsakis, J (2001) *Design + Environment*, Greenleaf publishing

Comments from previous students:

"Comprehensive referencing and direction for finding information"

"Excellent tutor. Open to ideas and available"

"Excellent resources"

"Great subject matter"

"Appreciate the lecturer efforts and knowledge"