

BLDG 3007 DESIGN BRIEF FORMULATION

Credit Points 10

Legacy Code 301086

Coordinator Marini Samaratunga ([https://directory.westernsydney.edu.au/search/name/Marini Samaratunga/](https://directory.westernsydney.edu.au/search/name/Marini%20Samaratunga/))

Description This subject explores the process of formulating the quantitative and qualitative requirements for a complex construction project. Students will analyse and evaluate competing parameters for a specific building project which contains residential, commercial and community facilities.

School Eng, Design & Built Env

Discipline Building Construction Economics

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Pre-requisite(s) ARCH 1001 OR
ARCH 1004 OR
ARCH 1004

Learning Outcomes

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

1. Recognise the importance of a multi-factorial approach to design decision making in the construction industry
2. Review and evaluate the economic, environmental and social impacts of major building proposals
3. Identify potential areas of conflict between developer and community interests
4. Prioritise competing parameters in the establishment of a complex building project
5. Integrate knowledge of economic, environmental, regulatory and social constraints in the preparation of the brief for a major construction project

Subject Content

Design problem description
Constraint identification
Formulating the project budget
Identifying wants versus needs
Risks and benefits of the proposal
Triple bottom line assessment of building projects

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Quiz	30 minutes	20	N	Individual
Report	1000 words and 5 minute presentation	30	N	Individual
Applied Project	2500 words	50	N	Individual

Teaching Periods

Autumn (2024)

Parramatta - Victoria Rd

On-site

Subject Contact Marini Samaratunga ([https://directory.westernsydney.edu.au/search/name/Marini Samaratunga/](https://directory.westernsydney.edu.au/search/name/Marini%20Samaratunga/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG3007_24-AUT_PS_1#subjects)