



The University of Southern Queensland

## Course specification

The current and official versions of the course specifications are available on the web at  
<<http://www.usq.edu.au/coursespecification/current>>.  
Please consult the web for updates that may occur during the year.

### Description: Urban Design and Development

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
SVY	3201	90622	2, 2009	ONC	1.00	Toowoomba

<b>Academic group:</b>	FOENS
<b>Academic org:</b>	FOES05
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	040103

### STAFFING

Examiner: Marita Basson

Moderator: Xiaoye Liu

### SYNOPSIS

Many professionals such as engineers, town planners and surveyors are engaged in the design and construction of residential developments. Therefore, they require a sound knowledge and understanding of the design principles and practices that are used to create sustainable residential areas, both large and small. This course gives students the opportunity to acquire knowledge of the design principles currently used in Australia to develop residential neighbourhoods. This includes allotment and dwelling design, the design of streets and paths, and the location and design of urban services, open spaces and community facilities. A Performance Based Approach is used. Students will also gain an insight into the land development process. The three assessment items in this course enable students to develop, practice and demonstrate their knowledge of residential design principles, and their ability to apply those principles. The first assignment requires students to undertake an audit of an existing residential building. The second assignment requires them to prepare a subdivision design for a residential precinct. The final assignment requires students to prepare a master plan for a residential neighbourhood that will house a community of up to 5000 people.

### OBJECTIVES

The course objectives define the student learning outcomes for a course. The assessment item(s) that may be used to assess student achievement of an objective are shown in parenthesis. On completion of this course, students should be able to:

1. demonstrate a knowledge and understanding of the terminology commonly used in the residential development industry by correctly utilising appropriate terms in their assignments (Assignments 1, 2 & 3);
2. demonstrate a knowledge and understanding of the design and development processes required to create new residential areas by making appropriate references to these processes in their assignments (Assignments 1, 2 & 3);

3. demonstrate a knowledge and understanding of the Performance Based Approach to the design of new residential areas by correctly using this approach in their assignments (Assignments 1, 2 & 3);
4. demonstrate in their assignments, a knowledge of, and the ability to apply, the principles normally used to complete a Site Analysis at the site, precinct and neighbourhood scales (Assignments 1, 2 & 3);
5. demonstrate a knowledge and understanding of sustainable residential site planning by conducting an audit of an existing residential site (Assignment 1);
6. demonstrate an ability to evaluate, select and synthesise appropriate design principles by creating and reporting on a subdivision plan for a residential precinct (Assignment 2);
7. demonstrate an ability to evaluate, select and synthesise appropriate design principles by creating and reporting on a master plan for a residential neighbourhood (Assignment 3);
8. demonstrate an ability to learn from experience by reflecting on the design and communication processes they used to complete their assignments (Assignments 1, 2 & 3);
9. demonstrate in their assignments that they have acquired appropriate written and graphical communication skills (Assignments 1, 2 & 3);

## TOPICS

	Description	Weighting (%)
1.	Overview of the residential design and development process	10.00
2.	Site analysis	10.00
3.	Sustainable building design	15.00
4.	Sustainable land use and lot design	20.00
5.	Sustainable movement networks	15.00
6.	Open space	5.00
7.	Sustainable urban engineering services	5.00
8.	Sustainable community facilities	5.00
9.	Commercial and employment facilities	5.00
10.	Creating a sustainable site design	10.00

## TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

Commonwealth Department of Housing and Regional Development 1995, *AMCORD - A National Resource Document for Residential Development*, AGPS, Canberra.

(This text is no longer available in print. A copy will be provided to students in PDF format on the SVY3201 CDROM, which is issued free of charge to all students.)

King, S, Rudder, D, Prasad, D & Ballinger, J 1996, *Site Planning in Australia - Strategies for Energy Efficient Residential Planning*, DPI, Australian Government Publishing Service, Canberra.

(This text is no longer available in print. A copy will be provided to students in PDF format on the SVY3201 CDROM, which is issued free of charge to all students.)

Queensland Department of Local Government and Planning 1997, *Queensland Residential Design Guidelines*, Qld Department of Local Government and Planning, Brisbane.

(This text is no longer available in print. A copy will be provided to students in PDF format on the SVY3201 CDROM, which is issued free of charge to all students.)

## REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

*Queensland Streets*, Institute of Municipal Engineers Aust Qld Division,

## STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Assessments	60.00
Lectures	24.00
Private Study	47.00
Tutorials	24.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
ASSIGNMENT 1	200.00	20.00	17 Aug 2009
ASSIGNMENT 2	400.00	40.00	21 Sep 2009
ASSIGNMENT 3	400.00	40.00	26 Oct 2009

## IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:  
It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:  
To satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks or a grade of at least C-. (Depending upon the requirements in Statement 4 below, students may not have to satisfactorily complete each assessment item to receive a passing grade in this course.)
- 3 Penalties for late submission of required work:

- If students submit assignments after the due date without extenuating circumstances then a penalty of 5% of the assigned mark may apply for each working day late up to a maximum of ten working days at which time a mark of zero can be recorded for that assignment.
- 4 Requirements for student to be awarded a passing grade in the course:  
To be assured of receiving a passing grade in a course a student must obtain at least 50% of the total weighted marks for the course.
  - 5 Method used to combine assessment results to attain final grade:  
The final grades for students will be assigned on the basis of the weighted aggregate of the marks (or grades) obtained for each of the summative assessment items in the course.
  - 6 Examination information:  
There is no examination in this course.
  - 7 Examination period when Deferred/Supplementary examinations will be held:  
As there are no examinations in this course, there will be no deferred or supplementary examinations.
  - 8 University Regulations:  
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL <http://www.usq.edu.au/corporateservices/calendar/part5.htm> or in the current USQ Handbook.

## ASSESSMENT NOTES

- 1 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.
- 2 Students must retain a copy of each item submitted for assessment. This must be despatched to USQ within 24 hours if required by the Examiner.
- 3 In accordance with University's Assignment Extension Policy (Regulation 5.6.1), the examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances.
- 4 The Faculty will normally only accept assessments that have been written, typed or printed on paper-based media.
- 5 The Faculty will NOT accept submission of assignments by facsimile.
- 6 Students who do not have regular access to postal services or who are otherwise disadvantaged by these regulations may be given special consideration. They should contact the examiner of the course to negotiate such special arrangements.
- 7 In the event that a due date for an assignment falls on a local public holiday in their area, such as a Show holiday, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the Examiner's convenience.
- 8 Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). A temporary grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non directed personal study.
- 9 Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment may apply to defer an assessment in a course. Such a request

must be accompanied by appropriate supporting documentation. The following temporary grade may be awarded: IDM (Incomplete Deferred Make-up).

### **OTHER REQUIREMENTS**

- 1 Students will require access to e-mail and internet access to UConnect for this course.
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