How can we meet the challenge of transforming our existing buildings for a sustainable Australia?

While new buildings are becoming increasingly energy and water efficient, the overwhelming majority of existing buildings in Australia were built without any consideration for sustainability. The transformation of the existing building stock is regarded as the biggest challenge facing owners, government and the building industry today.

In this course you will examine current best practice in environmentally sustainable design (ESD) and critically examine principles of environmentally sustainable design in relation to policy and practice, with an emphasis on retrofitting existing buildings.

Duration

The course includes attendance of the 8th annual RMIT Green Building and Design Conference - Greening the Existing Building Stock in September, as well as four interactive workshops before the event.

Students of this single course will need to complete two assignments and a reflective journal.

The workshops will be held at the RMIT City campus, Melbourne. The single course is limited to 50 students. Attendance can be in-person or via distance learning.

Program features

During this course you will examine current best practice in the environmentally sustainable retrofitting of commercial and residential projects in relation to policy and practice. You will engage with and learn from key stakeholders and practitioners, including designers, builders, clients and planners, about the design and construction process.

Site visits, presentations and discussions will illustrate how theory has been put into practice and how practice can be used to refine theory.

Topics covered

- Regulatory developments, particularly in relation to renovations/refurbishments
- Retrofitting for the future of Australia
- Voluntary and mandatory environmental guidelines
- Strategies for economic gain

Career outlook

This course provides a perfect opportunity for professional development and to boost your skills in the related fields of engineering, environment, architecture, construction and planning.

Fees

Single Course fees (incl. GST): $1920 (includes attendance of the conference)

Application procedures

Application forms to register for BUIL 1225 ‘Sustainability in the built environment: A focus on building and design’ can be downloaded at www.rmit.edu.au/cfd/gbd2010/registration

Online registrations available from June 28, 2010 at www.singlecourses.rmit.edu.au or telephone RMIT Single Courses on 03 9925 8111.

Further information

For more information on the single course, please contact Dr. Usha Iyer-Raniga on 9925 3484 or at usha.iyer-raniga@rmit.edu.au